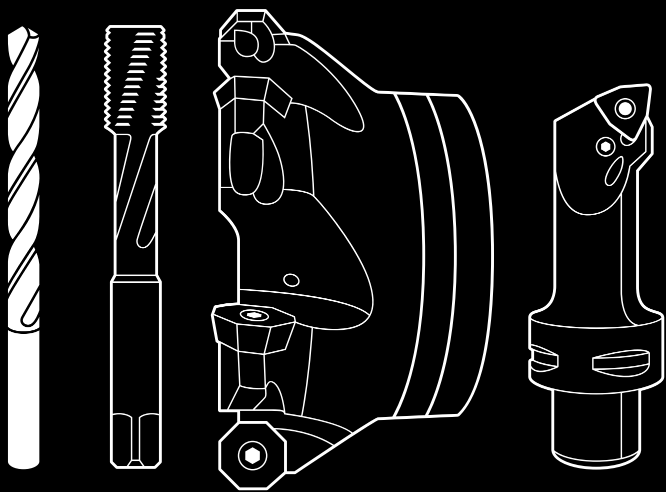
WALTER
Engineering Kompetenz

Tools for solid drilling, counterboring, precision boring and reaming

Catalogue B - Holemaking
Edition 2022

_ METAL IS OUR WORLD

Tools for Holemaking



WALTER

WALTER TITEX

WALTER PROTOTYP

How to find and order your tool solution:

Personal – worldwide
You can contact us by phone, fax or e-mail. The contact details for your local contact can be found on our website at: **walter-tools.com**

The Walter Hybrid catalogues and brochures
show the entire standard range under the Walter, Walter Titex, Walter Prototyp and Walter Multiply competence brands – in print or in digital format – with product range overviews, product data, cutting data recommendations and much more. Including links to our machining navigator, Walter GPS, or the Walter TOOLSHOP with the chance to order directly.

At walter-tools.com, you can access and order your Walter products quickly and conveniently online – via smartphone, tablet or PC.
The benefit for you: Direct access from any device, displayed in an optimised form, at any time.

Walter online catalogue

Tool-specific search
You can find products in the Walter online catalogue using the familiar structure of our product catalogue as well as filter and search functions. Other features: A shopping function and links to drawings and models.

Walter GPS

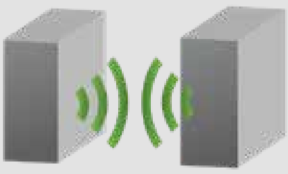
Application-based search
With Walter GPS, it takes just a few steps to find the optimum machining solution for your component, online and offline – and the solution can be transferred directly to the Walter TOOLSHOP if required.

Walter Innotime®

Component-based search
With Walter Innotime®, you can find the most cost-effective machining solution for your component, including all the tools, machining steps and machining parameters required for this. Simply by uploading your 3D model.

Digital ordering methods

TOOL:SHOP

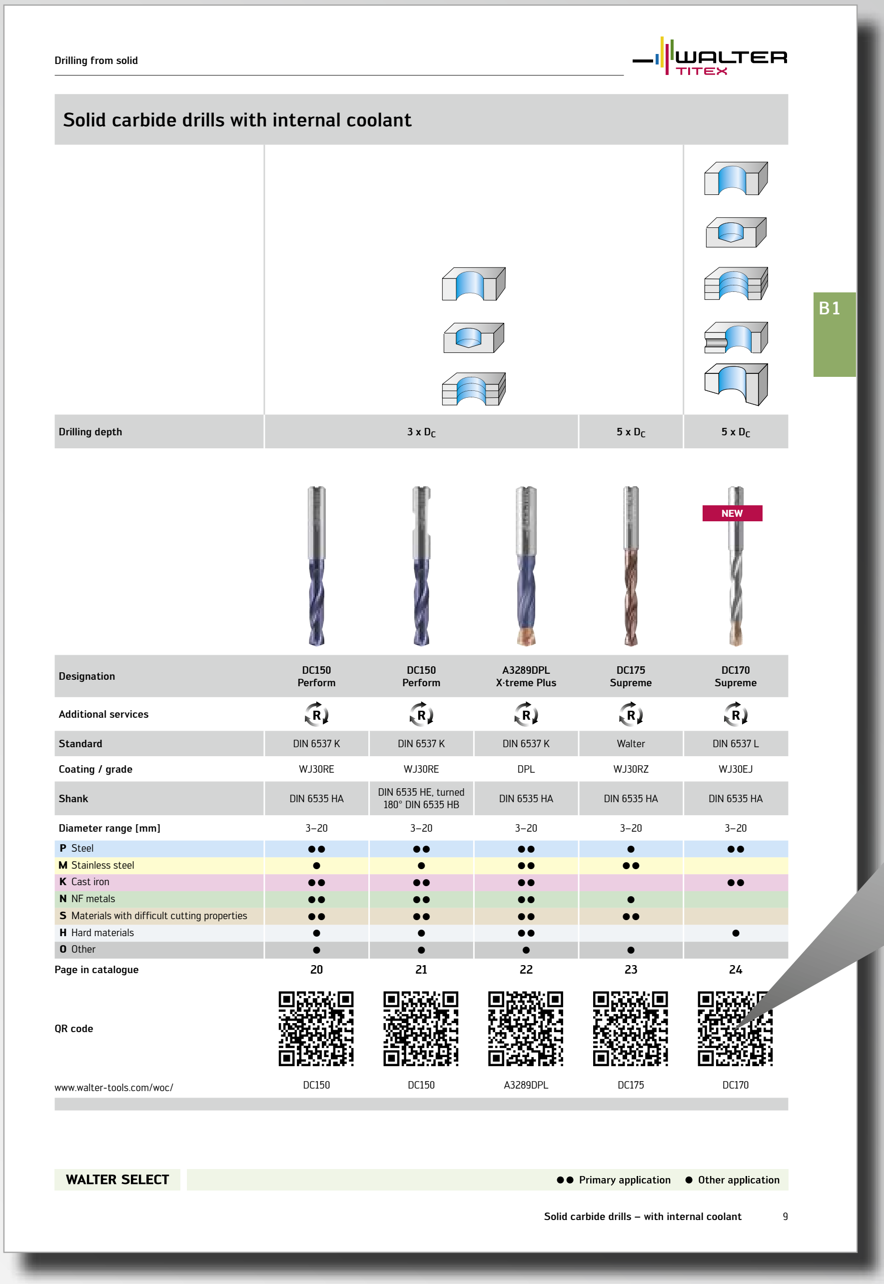


EDI B2B

Walter TOOLSHOP & EDI
The Walter TOOLSHOP offers customers opportunities to find information and place orders quickly.
EDI (electronic data interchange) also makes it possible to exchange documents (e.g. orders) – even special tools can be ordered.

The structure of the new Walter General Catalogue

The new Walter General Catalogue presents information about products and applications in a comprehensive and clear manner as an e-document – including direct links to the Walter online catalogue.



Drilling from solid

WALTER TITEX

B1

Solid carbide drills with internal coolant

Drilling depth	3 x D_c			5 x D_c	5 x D_c
					NEW
Designation	DC150 Perform	DC150 Perform	A3289DPL X·treme Plus	DC175 Supreme	DC170 Supreme
Additional services	R	R	R	R	R
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K	Walter	DIN 6537 L
Coating / grade	WJ30RE	WJ30RE	DPL	WJ30RZ	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	3–20	3–20
P Steel	●●	●●	●●	●	●●
M Stainless steel	●	●	●●	●●	
K Cast iron	●●	●●	●●		●●
N NF metals	●●	●●	●●	●	
S Materials with difficult cutting properties	●●	●●	●●	●●	
H Hard materials	●	●	●●		●
O Other	●	●	●	●	
Page in catalogue	20	21	22	23	24
QR code					
www.walter-tools.com/woc/	DC150	DC150	A3289DPL	DC175	DC170

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills – with internal coolant 9

Product range overviews with applications, materials and QR codes at a glance

The product range overviews include icons indicating applications, images of the products, and the range of materials for which the products can be used; if relevant, they also include shank versions, clamping systems and other important information. This means that you can immediately see which product you need – and go directly to more detailed information about it by scanning the corresponding QR code or typing the link provided into your browser.

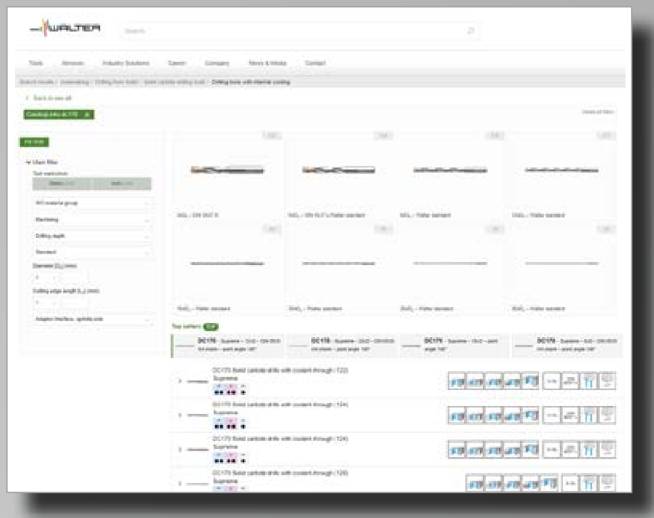
NEW Tools with this icon are product innovations and are displayed in this way in the product range overviews.

Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

Scan the QR code

to go directly to the sub-page for the corresponding product in the Walter online catalogue. The brief overview contains an image of the tool or product, icons representing applications and other information, and the main and secondary applications in the ISO materials sector.

DC170



Direct link

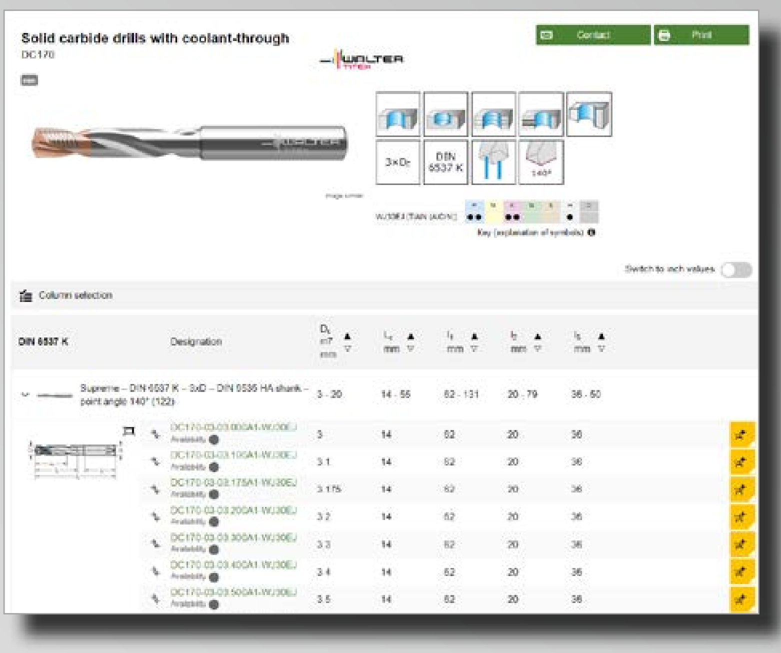
As well as scanning the QR code, you can also type the link directly into your browser:

*www.walter-tools.com/woc/**DC170.***

In the e-document, you can of course click on the link itself.

Detailed overview of product data

Depending on the product, the information available here or on the following product details page will include dimensions, corresponding indexable inserts, adaptors, and accessories, as well as direct links to additional information such as cutting data recommendations via Walter GPS or technical information like assembly instructions, limit speeds and much more.



Technologies at Walter.

(((Accure·tec

The patented Walter Accure·tec technology ensures maximum vibration damping on boring bars for turning and adaptors for milling. Ideal for turning, milling and drilling operations involving extended tool applications.

Tiger·tec® Gold

Tiger·tec® Gold is the new Walter generation platform for unique indexable insert coatings. It makes maximum tool life and process reliability possible. The CVD grade is produced using the innovative ultra low pressure method (ULP-CVD). The special titanium aluminium nitride layer makes them highly resistant to abrasion, hairline cracks, oxidation and plastic deformation. The heat-resistant, tough PVD grade with aluminium oxide multi-layer is suitable for difficult machining conditions.

Tiger·tec® Silver

With Tiger·tec® Silver, Walter is offering a world first in coating technology for indexable inserts. The special aluminium oxide layer with optimised microstructure reduces wear during turning, milling and drilling operations, and increases toughness and temperature resistance for significantly higher cutting data.

Walter BLAXX

Walter BLAXX is the benchmark for a new generation of milling cutters: The milling bodies are extremely robust thanks to their special surface treatment. The milling systems, which are mainly positioned tangentially, are equipped with Tiger·tec® indexable inserts. Tools with the "Walter BLAXX" designation combine high wear resistance with unbeatable performance data.

Walter Green

Walter Green: Sustainability and responsible use of resources are central components of our company principles. We use our "Walter Green" seal to show how we implement these principles, such as by offsetting our CO_2 emissions with environmental conservation projects.

Walter Nexxt

Engineering Kompetenz and digital expertise go hand in hand at Walter. Together with our wholly owned software subsidiary Comara, we develop digital solutions that efficiently connect machines and tools, optimising their performance on the basis of real-time data. Digital solutions on a level playing field with Industry 4.0 – Walter Nexxt.

Walter Xpress

Walter Xpress is the rapid ordering and delivery service offered by Walter Multiply for high-quality special tools. It is available for around 10,000 tool varieties, with a maximum delivery time of two to four weeks from the order date. The ordering process is clearly structured and guarantees absolute planning security. Quotations for all enquiries are calculated and provided within 24 hours.

XD Technology

Walter Titex solid carbide drilling and reaming tools stand for precision, high performance and cost-efficiency when drilling in practically any material. Walter Titex XD Technology offers the greatest precision and cost-efficiency in deep-hole drilling operations up to $70 \times D_c$ without pecking.

Xill·tec™

With Xill·tec™, the solid carbide milling cutters from the MC230 Advance product range, Walter offers a uniquely wide range, with different dimensions, numbers of teeth and shank versions. This means that users are well-equipped for all conceivable milling operations and ISO materials. Universal use – with excellent quality.

Xtra·tec®

Xtra·tec® indexable insert milling cutters and drills guarantee extremely soft cutting action and optimal surface quality on almost all materials. Indexable inserts with highly positive geometries and the Tiger·tec® coating have a particularly beneficial hardness/toughness ratio. For maximum productivity and process reliability.

Xtra·tec®XT

Xtra·tec® XT is the latest generation of Walter milling tools. As the "Xtended" Xtra·tec® technology, it offers a completely new perspective on productivity and process reliability. It can cover nearly all milling operations in every common material group: More reliable, productive, cost-efficient than ever before – all while compensating for the CO_2 emissions through Walter Green.

X·treme Evo

The X·treme Evo solid carbide drills from the DC160 Advance product range and DC260 Advance step drills embody "the next generation of drilling": Can be used universally for all ISO material groups, machine concepts and applications. With outstanding tool life, productivity and process reliability.

Walter Capto™

Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.

ConeFit

Walter ConeFit is an extremely flexible solid carbide milling system with a wide range of high-performance exchangeable heads and shaft variants. Its conical thread can self-centre, thereby guaranteeing maximum stability and concentricity.

ScrewFit

Walter ScrewFit users benefit from maximum flexibility. Its modular interface is suitable for a wide variety of boring bars and adaptors and a wide range of tool diameters and lengths for milling and drilling.

QuadFit

The precision-ground QuadFit interface with taper and support face characterises the precision of the vibration-damped boring bars for turning and thread turning with Walter Accure·tec technology. The exchangeable head system, which can be rotated by 180°, makes it possible to rapidly replace tools with high indexing accuracy.

In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge, cooling the flank and rake faces at the same time. This system provides significantly increased tool life, improved chip breaking and chip removal, greater efficiency and higher quality.

Flash

"Flash" refers to specialised solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness "h" and therefore enables an extremely high feed per tooth. Forces that occur are diverted axially towards the centre of the tool, which helps to stabilise the machining process.

SmartLock

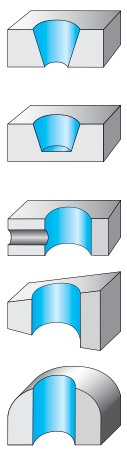
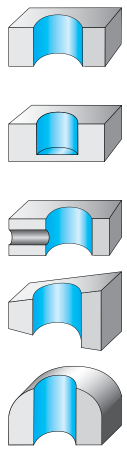
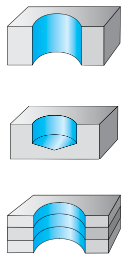
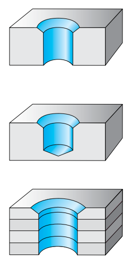
On Walter turning toolholders with "SmartLock", the clamping screw can be operated from the side of the tool. This makes it possible to change the inserts in the machine quickly and easily. Tool change times are reduced as a result. Ideal for use on CNC lathe and multi-spindle machines.

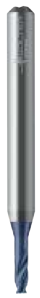
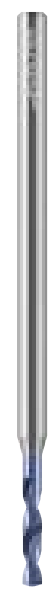
B – Drilling

B1: Drilling from solid

B1

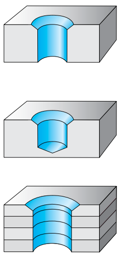
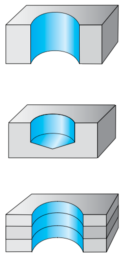
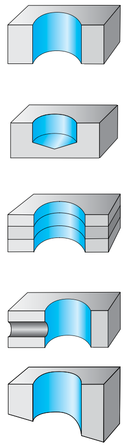
Solid carbide drills with internal coolant

Drilling depth	2 x D_C	2 x D_C	2 x D_C		3 x D_C
			NEW		
					
Designation	K5191TFT X·treme Pilot 180 C	DC118 Supreme	DB131 Supreme	A6181TFT XD Pilot	DC260 Advance X·treme Evo
Additional services					R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	TFT	WJ30ET	WJ30EL	TFT	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	4–7	3–20	2–2,95	3–16	3,3–14
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Page in catalogue	**B 23**	**B 24**	**B 26**	**B 27**	**B 29**
QR code					
www.walter-tools.com/woc/	K5191TFT	DC118	DB131	A6181TFT	DC260

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills with internal coolant

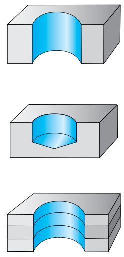
					
Drilling depth	3 x D_C	3 x D_C	3 x D_C		
					
Designation	DC260 Advance X·treme Evo	DC175 Supreme	DC170 Supreme	DC160 Advance X·treme Evo	DC160 Advance X·treme Evo
Additional services	R	R	R	R	R
Standard	Walter	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30ET	WJ30RZ	WJ30EJ	WJ30ET	WJ30ET
Shank	DIN 6535 HE	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE
Diameter range [mm]	3,3–14	3–20	3–20	3–20	3–20
P Steel	●●	●	●●	●●	●●
M Stainless steel	●	●●		●	●
K Cast iron	●●		●●	●●	●●
N NF metals	●●	●		●●	●●
S Materials with difficult cutting properties	●●	●●		●●	●●
H Hard materials	●		●	●	●
O Other	●	●		●	●
Page in catalogue	**B 29**	**B 30**	**B 34**	**B 37**	**B 37**
QR code					
www.walter-tools.com/woc/	DC260	DC175	DC170-03-A1	DC160	DC160

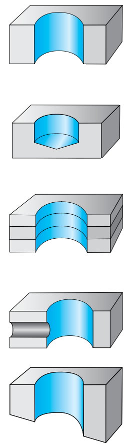
WALTER SELECT

●● **Primary application** ● **Other application**

B1

Solid carbide drills with internal coolant





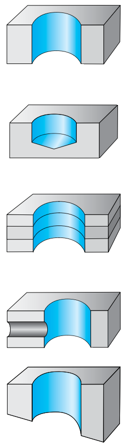
Drilling depth	3 x D_C			5 x D_C	5 x D_C

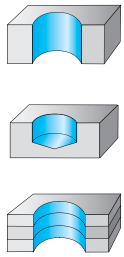
Designation	DC150 Perform	DC150 Perform	A3289DPL X·treme Plus	DC175 Supreme	DC170 Supreme
Additional services	R	R	R	R	R
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K	Walter	DIN 6537 L
Coating / grade	WJ30RE	WJ30RE	DPL	WJ30RZ	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	3–20	3–20
P Steel	●●	●●	●●	●	●●
M Stainless steel	●	●	●●	●●	
K Cast iron	●●	●●	●●		●●
N NF metals	●●	●●	●●	●	
S Materials with difficult cutting properties	●●	●●	●●	●●	
H Hard materials	●	●	●●		●
O Other	●	●	●	●	
Page in catalogue	**B 45**	**B 45**	**B 50**	**B 53**	**B 57**
QR code					
www.walter-tools.com/woc/	DC150	DC150	A3289DPL	DC175	DC170

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant





Drilling depth	5 x D_C			5 x D_C	



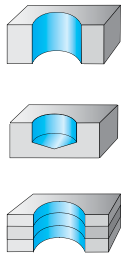


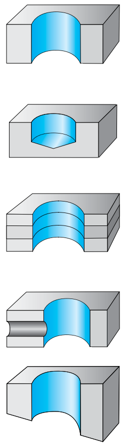
Designation	DC165 Advance	DC160 Advance X·treme Evo	DC160 Advance X·treme Evo	DC150 Perform	DC150 Perform
Additional services	R	R	R	R	R
Standard	Walter	DIN 6537 L	DIN 6537 L	DIN 6537 L	DIN 6537 L
Coating / grade	WJ30UU	WJ30ET	WJ30ET	WJ30RE	WJ30RE
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB
Diameter range [mm]	4–16	3–25	3–25	3–20	3–20
P Steel		●●	●●	●●	●●
M Stainless steel		●	●	●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties		●●	●●	●●	●●
H Hard materials		●	●	●	●
O Other		●	●	●	●
Page in catalogue	**B 60**	**B 61**	**B 61**	**B 70**	**B 70**
QR code					
www.walter-tools.com/woc/	DC165	DC160	DC160	DC150	DC150

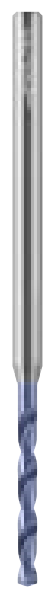
WALTER SELECT

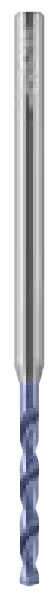
●● Primary application ● Other application

Solid carbide drills with internal coolant





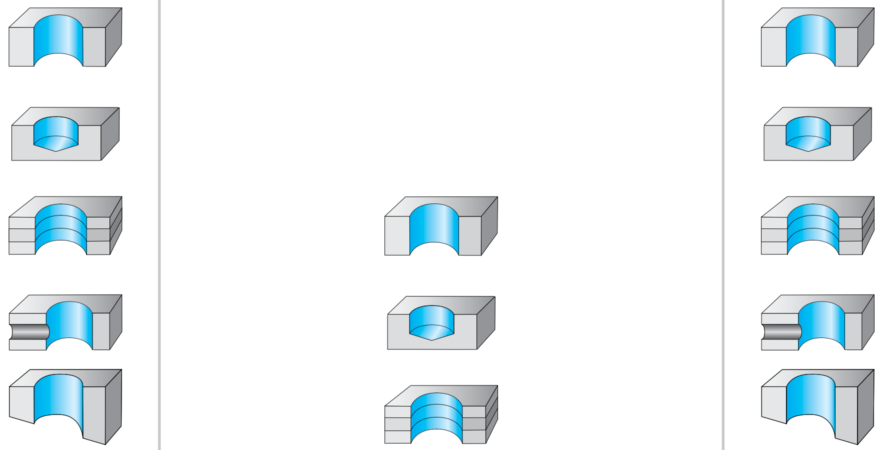




Drilling depth	5 x D_C			8 x D_C	8 x D_C
	NEW	NEW			
Designation	DB133 Supreme	DB133 Supreme	A3389DPL X·treme Plus	DC175 Supreme	DC170 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	DIN 6537 L	Walter	Walter
Coating / grade	WJ30EL	WJ30EL	DPL	WJ30RY	WJ30EJ
Shank		DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	2,3–2,5	0,7–2,95	3–20	3–16	3–20
P Steel	●●	●●	●●	●	●●
M Stainless steel	●●	●●	●●	●●	
K Cast iron	●●	●●	●●		●●
N NF metals	●●	●●	●●	●	
S Materials with difficult cutting properties	●●	●●	●●	●●	
H Hard materials	●	●	●●		●
O Other	●	●	●	●	
Page in catalogue	B 77	B 77	B 79	B 83	B 85
QR code					
www.walter-tools.com/woc/	DB133	DB133	A3389DPL	DC175	DC170

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills with internal coolant

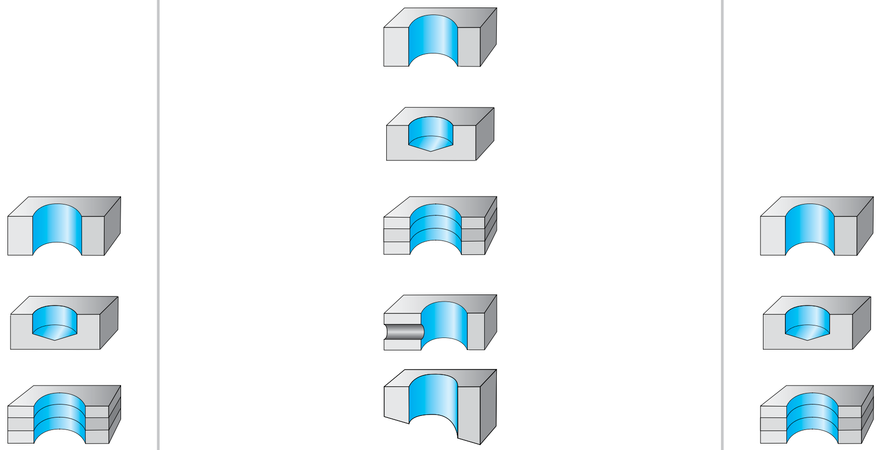


Drilling depth	8 x D_C	8 x D_C			8 x D_C
			NEW	NEW	

Designation	DC160 Advance X·treme Evo	DC150 Perform	DB133 Supreme	DB133 Supreme	A6489DPP X·treme D8
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30ET	WJ30TA	WJ30ER	WJ30ER	DPP
Shank	DIN 6535 HA	DIN 6535 HA		DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	2,15–2,25	0,7–2,95	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●	●	●	●●
O Other	●	●	●	●	●
Page in catalogue	**B 88**	**B 92**	**B 96**	**B 96**	**B 98**
QR code					
www.walter-tools.com/woc/	DC160	DC150	DB133	DB133	A6489DPP

WALTER SELECT ●● **Primary application** ● **Other application**

Solid carbide drills with internal coolant

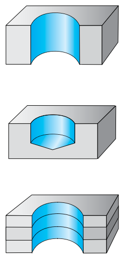


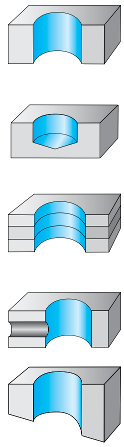
	A3486TIP	DC170	DC160	DC150	DB133
Drilling depth	8 x D_C	12 x D_C			12 x D_C
					NEW

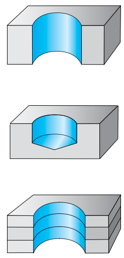
Designation	A3486TIP Alpha® 44	DC170 Supreme	DC160 Advance X·treme Evo	DC150 Perform	DB133 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	TIP	WJ30EJ	WJ30EU	WJ30TA	WJ30ER
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	
Diameter range [mm]	5–9	3–20	3–20	3–20	2,8–2,8
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●		●	●	●●
K Cast iron	●	●●	●●	●●	●●
N NF metals	●●		●●	●●	●●
S Materials with difficult cutting properties	●		●●	●●	●●
H Hard materials		●	●	●●	●
O Other	●		●	●	●
Page in catalogue	**B 101**	**B 102**	**B 105**	**B 108**	**B 111**
QR code					
www.walter-tools.com/woc/	A3486TIP	DC170	DC160	DC150	DB133

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills with internal coolant





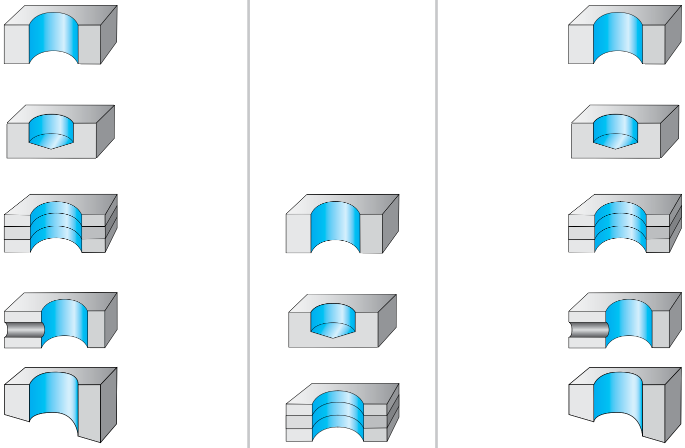


Drilling depth	12 x D_C	12 x D_C	16 x D_C		16 x D_C
	NEW				NEW
Designation	DB133 Supreme	A6589DPP X·treme D12	DC170 Supreme	DC160 Advance X·treme Evo	DB133 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30ER	DPP	WJ30EJ	WJ30EU	WJ30ER
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	0,7–2,9	3–20	3–16	3–16	2–2,9
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●		●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●		●●	●●
S Materials with difficult cutting properties	●●	●●		●●	●●
H Hard materials	●	●●	●	●	●
O Other	●	●		●	●
Page in catalogue	**B 111**	**B 113**	**B 116**	**B 118**	**B 120**
QR code					
www.walter-tools.com/woc/	DB133	A6589DPP	DC170	DC160	DB133

WALTER SELECT ●● Primary application ● Other application

B1

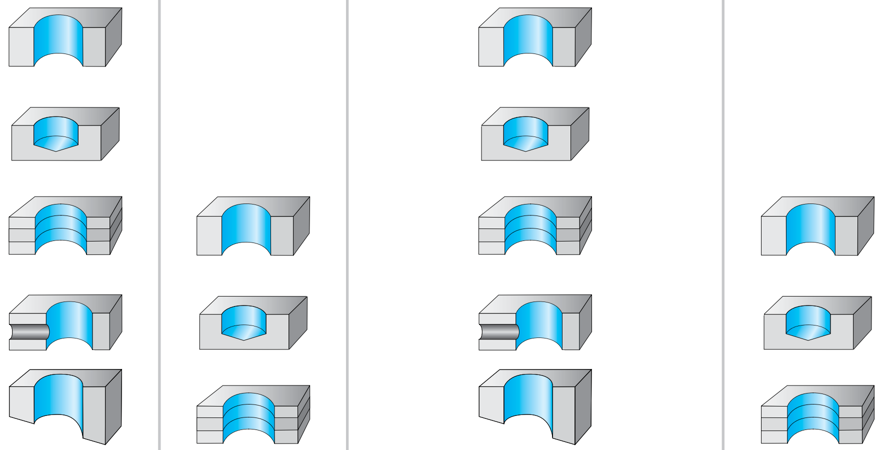
Solid carbide drills with internal coolant



Drilling depth	20 x D_C		20 x D_C	20 x D_C	25 x D_C
			NEW		
Designation	DC170 Supreme	DC160 Advance X·treme Evo	DB133 Supreme	A6794TFP X·treme DH20	DC170 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EJ	WJ30EU	WJ30ER	TFP	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–16	3–16	2–2,9	3–10	3–12
P Steel	●●	●●	●●	●●	●●
M Stainless steel		●	●●	●	
K Cast iron	●●	●●	●●	●	●●
N NF metals		●●	●●	●	
S Materials with difficult cutting properties		●●	●●	●	
H Hard materials	●	●	●	●	●
O Other		●	●		
Page in catalogue	**B 121**	**B 123**	**B 125**	**B 126**	**B 127**
QR code					
www.walter-tools.com/woc/	DC170	DC160	DB133	A6794TFP	DC170

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills with internal coolant

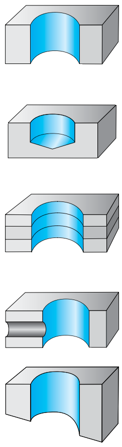


Drilling depth	25 x D_c	25 x D_c	30 x D_c		30 x D_c
		NEW			NEW
Designation	DC160 Advance X·treme Evo	DB133 Supreme	DC170 Supreme	DC160 Advance X·treme Evo	DB133 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EU	WJ30ER	WJ30EJ	WJ30EU	WJ30ER
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–12	2–2,9	3–12	3–12	2–2,9
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●●		●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●		●●	●●
S Materials with difficult cutting properties	●●	●●		●●	●●
H Hard materials	●	●	●	●	●
O Other	●	●		●	●
Page in catalogue	**B 128**	**B 130**	**B 131**	**B 132**	**B 134**
QR code					
www.walter-tools.com/woc/	DC160	DB133	DC170	DC160	DB133

WALTER SELECT ●● Primary application ● Other application

B1

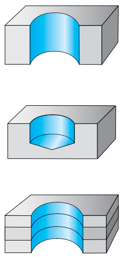
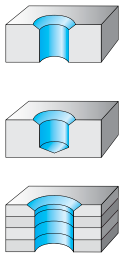
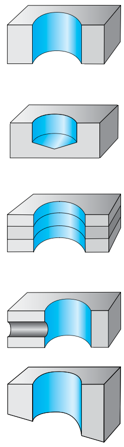
Solid carbide drills with internal coolant



Drilling depth	30 x D_C	40 x D_C	50 x D_C
			
Designation	A6994TFP X·treme DH30	A7495TTP X·treme D40	A7595TTP X·treme D50
Additional services	R	R	R
Standard	Walter	Walter	Walter
Coating / grade	TFP	TTP	TTP
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–10	3–11	3–9
P Steel	●●	●●	●●
M Stainless steel	●	●	●
K Cast iron	●	●●	●●
N NF metals	●	●●	●●
S Materials with difficult cutting properties	●		
H Hard materials	●		
O Other			
Page in catalogue	**B 135**	**B 136**	**B 137**
QR code			
www.walter-tools.com/woc/	A6994TFP	A7495TTP	A7595TTP

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills without internal coolant

					
Drilling depth	2 x D_C	3 x D_C		3 x D_C	

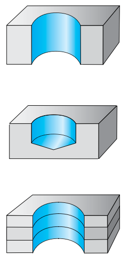
Designation	DB131 Supreme	DC260 Advance X·treme Evo	DC260 Advance X·treme Evo	DC160 Advance X·treme Evo	DC160 Advance X·treme Evo
Additional services		R	R	R	R
Standard	Walter	Walter	Walter	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30EL	WJ30ET	WJ30ET	WJ30ET	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE
Diameter range [mm]	0,5–1,98	3,3–14	3,3–14,5	3–20	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Page in catalogue	**B 183**	**B 138**	**B 138**	**B 139**	**B 139**
QR code					
www.walter-tools.com/woc/	DB131	DC260	DC260	DC160	DC160

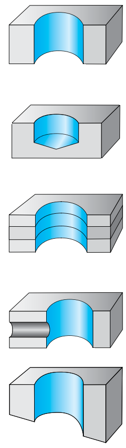
WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills without internal coolant



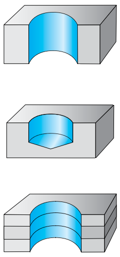
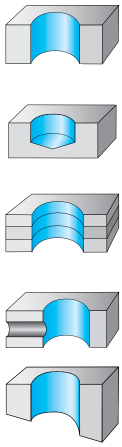
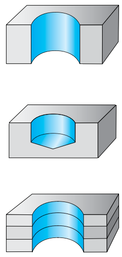
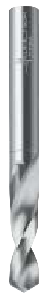
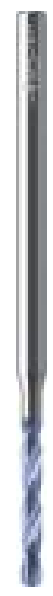


Drilling depth	3 x D_C			3 x D_C	

Designation	DC150 Perform	DC150 Perform	DC150 Perform	A1166TIN	A1166
Additional services	R	R		R	R
Standard	DIN 6537 K	DIN 6537 K	DIN 6539	Walter	Walter
Coating / grade	WJ30RE	WJ30RE	WJ30RE	TIN	uncoated
Shank	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3–20	3–20	1,5–2,9	3–14	3–18
P Steel	●●	●●	●●	●	●
M Stainless steel	●	●	●		
K Cast iron	●●	●●	●●		
N NF metals	●	●	●		●
S Materials with difficult cutting properties	●	●	●		●
H Hard materials	●	●	●	●	●
O Other	●	●	●		
Page in catalogue	**B 148**	**B 148**	**B 147**	**B 157**	**B 157**
QR code					
www.walter-tools.com/woc/	DC150	DC150	DC150	A1166TIN	A1166

WALTER SELECT ●● Primary application ● Other application

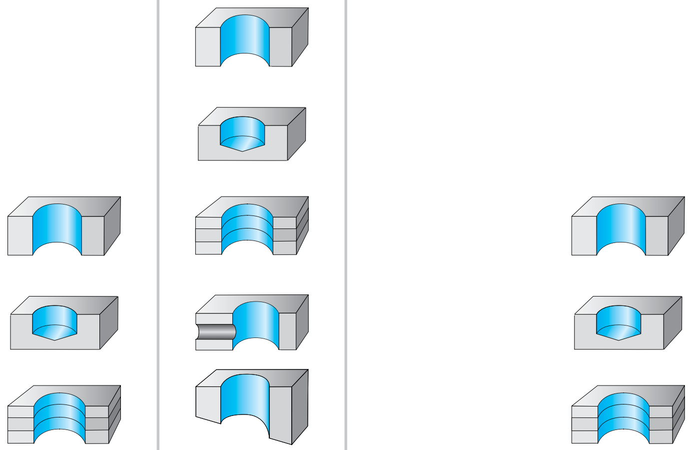
Solid carbide drills without internal coolant

	A1163	DC160	DC160	DC150	DB133
					
Drilling depth	3 x D_C	5 x D_C		5 x D_C	
					
Designation	A1163	DC160 Advance X·treme Evo	DC160 Advance X·treme Evo	DC150 Perform	DB133 Supreme
Additional services	R	R	R	R	R
Standard	DIN 6539	DIN 6537 L	DIN 6537 L	DIN 6537 L	Walter
Coating / grade	uncoated	WJ30ET	WJ30ET	WJ30TA	WJ30EL
Shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	1–12	3–25	3–25	3–20	0,5–2,95
P Steel		●●	●●	●●	●●
M Stainless steel				●	
K Cast iron	●	●●	●●	●●	●●
N NF metals	●●	●	●	●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials		●	●	●	●
O Other	●●	●	●	●	●
Page in catalogue	**B 154**	**B 164**	**B 164**	**B 172**	**B 159**
QR code					
www.walter-tools.com/woc/	A1163	DC160	DC160	DC150	DB133

WALTER SELECT ●● **Primary application** ● **Other application**

B1

Solid carbide drills without internal coolant



Drilling depth	5 x D_C	5 x D_C	8 x D_C		

Designation	DB130 Supreme	A3367 BSX	DB133 Supreme	A1276TFL Alpha® 22	A1263
Additional services		R	R	R	R
Standard	DIN 1899	DIN 6537 L	Walter	DIN 338	DIN 338
Coating / grade	WJ30UU	uncoated	WJ30ER	TFL	uncoated
Shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	Cylindrical shank
Diameter range [mm]	0,1–1,45	3–16	0,5–2,95	3–10,2	0,6–12
P Steel	●●		●●	●●	
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●	●	●
H Hard materials			●		
O Other	●●	●	●		●●
Page in catalogue	**B 161**	**B 176**	**B 177**	**B 179**	**B 180**
QR code					
www.walter-tools.com/woc/	DB130	A3367	DB133	A1276TFL	A1263

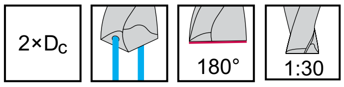
WALTER SELECT ●● Primary application ● Other application

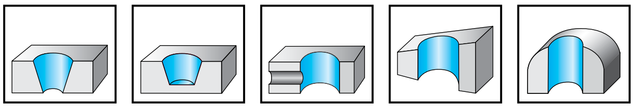
Solid carbide pilot drills with coolant-through

K5191TFT

X·treme Pilot 180 C

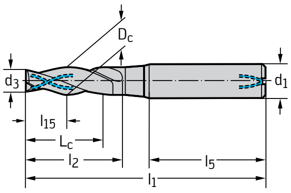
– For angled and round surfaces (e.g. crankshafts)
– Conical contour 1:30 – for step-free piloting





	P	M	K	N	S	H	O
TFT	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	D_c mm	d_3 mm	L_c mm	l_1 mm	l_2 mm	l_5 mm	l_{15} mm	h6
K5191TFT-4	4	3,9	10	59	16	36	3	6
K5191TFT-5	5	4,9	11	63	19	36	3	6
K5191TFT-6	6	5,85	13	68	22	36	4,5	8
K5191TFT-7	7	6,85	15	73	26	36	4,5	8

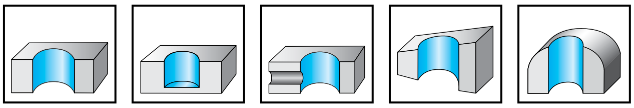
WALTER SELECT

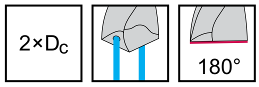
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide pilot drill
DC118 Supreme

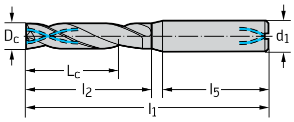
– Special diameter tolerance for XD technology





	P	M	K	N	S	H	O
WJ30ET	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	p7	Dc Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 mm	WJ30ET
DC118-02-03.000A1-	3		7,8	62	12	42	6	
DC118-02-03.175A1-	3,175	1/8"	7,7	62	12	42	6	
DC118-02-03.300A1-	3,3		7,6	62	12	42	6	
DC118-02-03.500A1-	3,5		8,4	62	13	42	6	
DC118-02-03.572A1-	3,572	9/64"	8,3	62	13	42	6	
DC118-02-03.969A1-	3,969	5/32"	8,9	66	14	42	6	
DC118-02-04.000A1-	4		8,9	66	14	42	6	
DC118-02-04.200A1-	4,2		10,7	66	16	42	6	
DC118-02-04.500A1-	4,5		10,4	66	16	42	6	
DC118-02-04.763A1-	4,763	3/16"	12,2	66	18	42	6	
DC118-02-04.800A1-	4,8		12,1	66	18	42	6	
DC118-02-05.000A1-	5		11,9	66	18	42	6	
DC118-02-05.500A1-	5,5		13,5	66	20	42	6	
DC118-02-05.556A1-	5,556	7/32"	14,4	66	21	42	6	
DC118-02-05.800A1-	5,8		14,2	66	21	42	6	
DC118-02-06.000A1-	6		14	66	21	42	6	
DC118-02-06.100A1-	6,1		15,9	79	23	47	8	
DC118-02-06.350A1-	6,35	1/4"	15,6	79	23	47	8	
DC118-02-06.500A1-	6,5		15,5	79	23	47	8	
DC118-02-06.800A1-	6,8		17,2	79	25	47	8	
DC118-02-07.000A1-	7		17	79	25	47	8	
DC118-02-07.144A1-	7,144	9/32"	19,9	79	28	47	8	
DC118-02-07.400A1-	7,4		19,6	79	28	47	8	
DC118-02-07.500A1-	7,5		19,5	79	28	47	8	
DC118-02-07.938A1-	7,938	5/16"	19,1	79	28	47	8	
DC118-02-08.000A1-	8		19	79	28	47	8	
DC118-02-08.300A1-	8,3		22,8	89	32	50	10	
DC118-02-08.500A1-	8,5		22,6	89	32	50	10	
DC118-02-08.731A1-	8,731	11/32"	22,3	89	32	50	10	
DC118-02-09.000A1-	9		22,1	89	32	50	10	
DC118-02-09.525A1-	9,525	3/8"	24,6	89	35	50	10	
DC118-02-09.800A1-	9,8		24,3	89	35	50	10	
DC118-02-10.000A1-	10		24,1	89	35	50	10	
DC118-02-10.200A1-	10,2		29	102	40	52	12	
DC118-02-10.319A1-	10,319	13/32"	28,8	102	40	52	12	

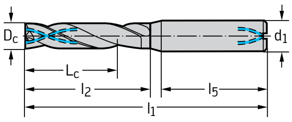
Ordering example for the grade WJ30ET: DC118-02-03.000A1-WJ30ET

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



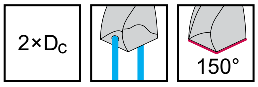
DIN 6535 HA

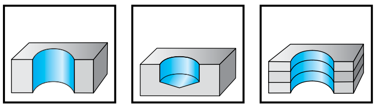
Designation	p7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 mm	WJ30ET
DC118-02-10.500A1-	10,5		28,7	102	40	52	12	
DC118-02-11.000A1-	11		28,2	102	40	52	12	
DC118-02-11.113A1-	11,113	7/16"	31,1	102	43	52	12	
DC118-02-11.500A1-	11,5		30,8	102	43	52	12	
DC118-02-11.800A1-	11,8		30,5	102	43	52	12	
DC118-02-11.906A1-	11,906	15/32"	30,4	102	43	52	12	
DC118-02-12.000A1-	12		30,3	102	43	52	12	
DC118-02-12.500A1-	12,5		35,9	107	49	52	14	
DC118-02-12.700A1-	12,7	1/2"	35,7	107	49	52	14	
DC118-02-13.000A1-	13		35,5	107	49	52	14	
DC118-02-13.500A1-	13,5		35,1	107	49	52	14	
DC118-02-14.000A1-	14		34,7	107	49	52	14	
DC118-02-14.288A1-	14,288	9/16"	41,4	115	56	53	16	
DC118-02-14.500A1-	14,5		41,3	115	56	53	16	
DC118-02-15.000A1-	15		40,9	115	56	53	16	
DC118-02-16.000A1-	16		40,2	115	56	53	16	
DC118-02-17.000A1-	17		46,5	123	63	53	18	
DC118-02-17.500A1-	17,5		46,2	123	63	53	18	
DC118-02-18.000A1-	18		45,9	123	63	53	18	
DC118-02-19.000A1-	19		52,3	131	70	55	20	
DC118-02-20.000A1-	20		51,9	131	70	55	20	

Ordering example for the grade WJ30ET: DC118-02-03.000A1-WJ30ET

B1

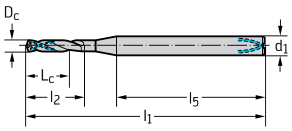
Solid carbide micro pilot drills with coolant-through
DB131 Supreme





	P	M	K	N	S	H	O
WJ30EL	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	p7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30EL
★ DB131-02-02.000A1-	2		7	57	10	42	3	
★ DB131-02-02.050A1-	2,05		7	57	11	42	3	
★ DB131-02-02.100A1-	2,1		7	57	11	42	3	
★ DB131-02-02.150A1-	2,15		7	57	11	42	3	
★ DB131-02-02.200A1-	2,2		7	57	11	42	3	
★ DB131-02-02.250A1-	2,25		8	59	12	43	3	
★ DB131-02-02.300A1-	2,3		8	59	12	43	3	
★ DB131-02-02.350A1-	2,35		8	59	12	43	3	
★ DB131-02-02.381A1-	2,381	3/32"	8	59	12	43	3	
★ DB131-02-02.400A1-	2,4		8	59	12	43	3	
★ DB131-02-02.450A1-	2,45		9	59	13	42	3	
★ DB131-02-02.500A1-	2,5		9	59	13	42	3	
★ DB131-02-02.550A1-	2,55		9	62	13	45	3	
★ DB131-02-02.600A1-	2,6		9	62	13	45	3	
★ DB131-02-02.650A1-	2,65		9	62	14	45	3	
★ DB131-02-02.700A1-	2,7		9	62	14	45	3	
★ DB131-02-02.750A1-	2,75		9	62	14	45	3	
★ DB131-02-02.778A1-	2,778	7/64"	9	62	14	45	3	
★ DB131-02-02.800A1-	2,8		9	62	14	45	3	
★ DB131-02-02.850A1-	2,85		10	62	15	44	3	
★ DB131-02-02.900A1-	2,9		10	62	15	44	3	
★ DB131-02-02.950A1-	2,95		10	62	15	44	3	

Ordering example for the grade WJ30EL: DB131-02-02.000A1-WJ30EL

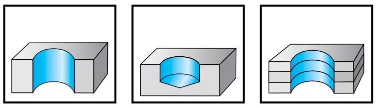
WALTER SELECT

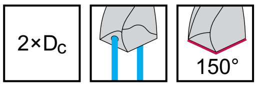
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide pilot drills with coolant-through
A6181TFT
XD Pilot

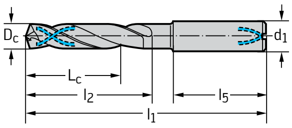
– Special diameter tolerance for XD technology





	P	M	K	N	S	H	O
TFT	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

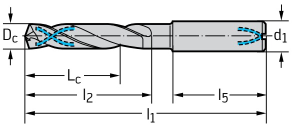
Designation	p7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6181TFT-3	3		14	66	20	36	6
A6181TFT-1/8IN	3,175	1/8"	14	66	20	36	6
A6181TFT-3.5	3,5		14	66	20	36	6
A6181TFT-9/64IN	3,572	9/64"	14	66	20	36	6
A6181TFT-5/32IN	3,969	5/32"	16	74	24	36	6
A6181TFT-4	4		16	74	24	36	6
A6181TFT-4.5	4,5		16	74	24	36	6
A6181TFT-3/16IN	4,763	3/16"	19	82	28	36	6
A6181TFT-4.8	4,8		19	82	28	36	6
A6181TFT-5	5		19	82	28	36	6
A6181TFT-5.5	5,5		19	82	28	36	6
A6181TFT-7/32IN	5,556	7/32"	19	82	28	36	6
A6181TFT-5.8	5,8		19	82	28	36	6
A6181TFT-6	6		19	82	28	36	6
A6181TFT-6.1	6,1		23	91	34	36	8
A6181TFT-1/4IN	6,35	1/4"	23	91	34	36	8
A6181TFT-6.5	6,5		23	91	34	36	8
A6181TFT-6.8	6,8		23	91	34	36	8
A6181TFT-7	7		23	91	34	36	8
A6181TFT-9/32IN	7,144	9/32"	29	91	41	36	8
A6181TFT-7.4	7,4		29	91	41	36	8
A6181TFT-7.5	7,5		29	91	41	36	8
A6181TFT-5/16IN	7,938	5/16"	29	91	41	36	8
A6181TFT-8	8		29	91	41	36	8
A6181TFT-8.3	8,3		32	103	47	40	10
A6181TFT-8.5	8,5		32	103	47	40	10
A6181TFT-11/32IN	8,731	11/32"	32	103	47	40	10
A6181TFT-9	9		32	103	47	40	10
A6181TFT-3/8IN	9,525	3/8"	32	103	47	40	10
A6181TFT-9.8	9,8		32	103	47	40	10
A6181TFT-10	10		32	103	47	40	10
A6181TFT-10.2	10,2		37	118	55	45	12
A6181TFT-13/32IN	10,319	13/32"	37	118	55	45	12
A6181TFT-11	11		37	118	55	45	12
A6181TFT-7/16IN	11,113	7/16"	37	118	55	45	12

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool



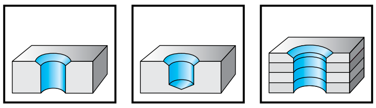
DIN 6535 HA

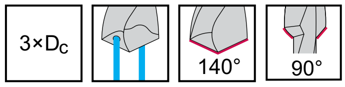
Designation	p7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6181TFT-11.5	11,5		37	118	55	45	12
A6181TFT-11.8	11,8		37	118	55	45	12
A6181TFT-15/32IN	11,906	15/32"	37	118	55	45	12
A6181TFT-12	12		37	118	55	45	12
A6181TFT-1/2IN	12,7	1/2"	46	124	60	45	14
A6181TFT-13	13		46	124	60	45	14
A6181TFT-14	14		46	124	60	45	14
A6181TFT-9/16IN	14,288	9/16"	49	133	65	48	16
A6181TFT-15	15		49	133	65	48	16
A6181TFT-16	16		49	133	65	48	16

B1

Solid carbide drills with coolant-through
DC260 Advance
X·treme Evo

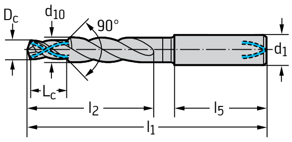
– Step length in accordance with DIN 8378
– For threaded core hole drilling





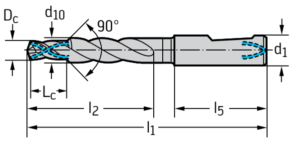
	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	For threads	D_c mm	d_{10} mm	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC260-03-03.300A1-	M 4	3,3	5	11	66	28	36	6	
DC260-03-04.200A1-	M 5	4,2	6	14	66	28	36	6	
DC260-03-05.000A1-	M 6	5	8	17	79	41	36	8	
DC260-03-06.800A1-	M 8	6,8	10	21	89	47	40	10	
DC260-03-08.500A1-	M 10	8,5	12	26	102	55	45	12	
DC260-03-10.200A1-	M 12	10,2	14	30	107	60	45	14	
DC260-03-12.000A1-	M 14	12	16	35	115	65	48	16	
DC260-03-14.000A1-	M 16	14	18	39	123	73	48	18	



DIN 6535 HE

Designation	For threads	D_c mm	d_{10} mm	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC260-03-03.300F1-	M 4	3,3	5	11	66	28	36	6	
DC260-03-04.200F1-	M 5	4,2	6	14	66	28	36	6	
DC260-03-05.000F1-	M 6	5	8	17	79	41	36	8	
DC260-03-06.800F1-	M 8	6,8	10	21	89	47	40	10	
DC260-03-08.500F1-	M 10	8,5	12	26	102	55	45	12	
DC260-03-10.200F1-	M 12	10,2	14	30	107	60	45	14	
DC260-03-12.000F1-	M 14	12	16	35	115	65	48	16	
DC260-03-14.000F1-	M 16	14	18	39	123	73	48	18	

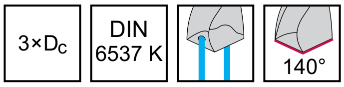
Ordering example for the grade WJ30ET: DC260-03-03.300A1-WJ30ET

WALTER SELECT

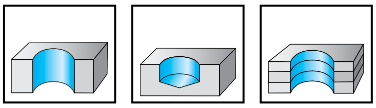
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide twist drill
DC175 Supreme



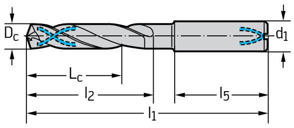
– Walter Precision cooling



B1

	P	M	K	N	S	H	O
WJ30RZ	●	●●		●	●●		●

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RZ
DC175-03-03.000A1-	3		14	62	20	36	6	
DC175-03-03.100A1-	3,1		14	62	20	36	6	
DC175-03-03.175A1-	3,175	1/8"	14	62	20	36	6	
DC175-03-03.200A1-	3,2		14	62	20	36	6	
DC175-03-03.250A1-	3,25		14	62	20	36	6	
DC175-03-03.300A1-	3,3		14	62	20	36	6	
DC175-03-03.400A1-	3,4		14	62	20	36	6	
DC175-03-03.500A1-	3,5		14	62	20	36	6	
DC175-03-03.572A1-	3,572	9/64"	14	62	20	36	6	
DC175-03-03.600A1-	3,6		14	62	20	36	6	
DC175-03-03.700A1-	3,7		14	62	20	36	6	
DC175-03-03.800A1-	3,8		17	66	24	36	6	
DC175-03-03.900A1-	3,9		17	66	24	36	6	
DC175-03-03.969A1-	3,969	5/32"	17	66	24	36	6	
DC175-03-04.000A1-	4		17	66	24	36	6	
DC175-03-04.100A1-	4,1		17	66	24	36	6	
DC175-03-04.200A1-	4,2		17	66	24	36	6	
DC175-03-04.300A1-	4,3		17	66	24	36	6	
DC175-03-04.366A1-	4,366	11/64"	17	66	24	36	6	
DC175-03-04.400A1-	4,4		17	66	24	36	6	
DC175-03-04.500A1-	4,5		17	66	24	36	6	
DC175-03-04.600A1-	4,6		17	66	24	36	6	
DC175-03-04.650A1-	4,65		17	66	24	36	6	
DC175-03-04.700A1-	4,7		17	66	24	36	6	
DC175-03-04.763A1-	4,763	3/16"	20	66	28	36	6	
DC175-03-04.800A1-	4,8		20	66	28	36	6	
DC175-03-04.900A1-	4,9		20	66	28	36	6	
DC175-03-05.000A1-	5		20	66	28	36	6	
DC175-03-05.100A1-	5,1		20	66	28	36	6	
DC175-03-05.159A1-	5,159	13/64"	20	66	28	36	6	
DC175-03-05.200A1-	5,2		20	66	28	36	6	
DC175-03-05.300A1-	5,3		20	66	28	36	6	
DC175-03-05.400A1-	5,4		20	66	28	36	6	
DC175-03-05.500A1-	5,5		20	66	28	36	6	
DC175-03-05.550A1-	5,55		20	66	28	36	6	

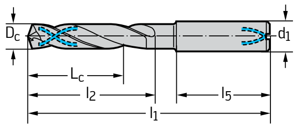
Ordering example for the grade WJ30RZ: DC175-03-03.000A1-WJ30RZ

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



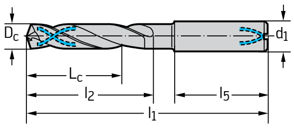
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RZ
DC175-03-05.556A1-	5,556	7/32"	20	66	28	36	6	
DC175-03-05.600A1-	5,6		20	66	28	36	6	
DC175-03-05.700A1-	5,7		20	66	28	36	6	
DC175-03-05.800A1-	5,8		20	66	28	36	6	
DC175-03-05.900A1-	5,9		20	66	28	36	6	
DC175-03-05.953A1-	5,953	15/64"	20	66	28	36	6	
DC175-03-06.000A1-	6		20	66	28	36	6	
DC175-03-06.100A1-	6,1		24	79	34	36	8	
DC175-03-06.200A1-	6,2		24	79	34	36	8	
DC175-03-06.300A1-	6,3		24	79	34	36	8	
DC175-03-06.350A1-	6,35	1/4"	24	79	34	36	8	
DC175-03-06.400A1-	6,4		24	79	34	36	8	
DC175-03-06.500A1-	6,5		24	79	34	36	8	
DC175-03-06.600A1-	6,6		24	79	34	36	8	
DC175-03-06.700A1-	6,7		24	79	34	36	8	
DC175-03-06.747A1-	6,747	17/64"	24	79	34	36	8	
DC175-03-06.800A1-	6,8		24	79	34	36	8	
DC175-03-06.900A1-	6,9		24	79	34	36	8	
DC175-03-07.000A1-	7		24	79	34	36	8	
DC175-03-07.100A1-	7,1		29	79	41	36	8	
DC175-03-07.144A1-	7,144	9/32"	29	79	41	36	8	
DC175-03-07.200A1-	7,2		29	79	41	36	8	
DC175-03-07.300A1-	7,3		29	79	41	36	8	
DC175-03-07.400A1-	7,4		29	79	41	36	8	
DC175-03-07.500A1-	7,5		29	79	41	36	8	
DC175-03-07.541A1-	7,541	19/64"	29	79	41	36	8	
DC175-03-07.600A1-	7,6		29	79	41	36	8	
DC175-03-07.700A1-	7,7		29	79	41	36	8	
DC175-03-07.800A1-	7,8		29	79	41	36	8	
DC175-03-07.900A1-	7,9		29	79	41	36	8	
DC175-03-07.938A1-	7,938	5/16"	29	79	41	36	8	
DC175-03-08.000A1-	8		29	79	41	36	8	
DC175-03-08.100A1-	8,1		35	89	47	40	10	
DC175-03-08.200A1-	8,2		35	89	47	40	10	
DC175-03-08.300A1-	8,3		35	89	47	40	10	
DC175-03-08.334A1-	8,334	21/64"	35	89	47	40	10	
DC175-03-08.400A1-	8,4		35	89	47	40	10	
DC175-03-08.500A1-	8,5		35	89	47	40	10	
DC175-03-08.600A1-	8,6		35	89	47	40	10	
DC175-03-08.700A1-	8,7		35	89	47	40	10	
DC175-03-08.731A1-	8,731	11/32"	35	89	47	40	10	
DC175-03-08.800A1-	8,8		35	89	47	40	10	
DC175-03-08.900A1-	8,9		35	89	47	40	10	
DC175-03-09.000A1-	9		35	89	47	40	10	
DC175-03-09.100A1-	9,1		35	89	47	40	10	
DC175-03-09.128A1-	9,128	23/64"	35	89	47	40	10	
DC175-03-09.200A1-	9,2		35	89	47	40	10	
DC175-03-09.300A1-	9,3		35	89	47	40	10	

Ordering example for the grade WJ30RZ: DC175-03-03.000A1-WJ30RZ

B1

Tool

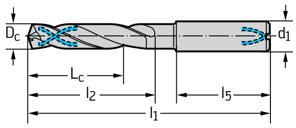


DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RZ
DC175-03-09.400A1-	9,4		35	89	47	40	10	
DC175-03-09.500A1-	9,5		35	89	47	40	10	
DC175-03-09.525A1-	9,525	3/8"	35	89	47	40	10	
DC175-03-09.600A1-	9,6		35	89	47	40	10	
DC175-03-09.700A1-	9,7		35	89	47	40	10	
DC175-03-09.800A1-	9,8		35	89	47	40	10	
DC175-03-09.900A1-	9,9		35	89	47	40	10	
DC175-03-09.922A1-	9,922	25/64"	35	89	47	40	10	
DC175-03-10.000A1-	10		35	89	47	40	10	
DC175-03-10.100A1-	10,1		40	102	55	45	12	
DC175-03-10.200A1-	10,2		40	102	55	45	12	
DC175-03-10.300A1-	10,3		40	102	55	45	12	
DC175-03-10.319A1-	10,319	13/32"	40	102	55	45	12	
DC175-03-10.400A1-	10,4		40	102	55	45	12	
DC175-03-10.500A1-	10,5		40	102	55	45	12	
DC175-03-10.600A1-	10,6		40	102	55	45	12	
DC175-03-10.700A1-	10,7		40	102	55	45	12	
DC175-03-10.716A1-	10,716	27/64"	40	102	55	45	12	
DC175-03-10.800A1-	10,8		40	102	55	45	12	
DC175-03-10.900A1-	10,9		40	102	55	45	12	
DC175-03-11.000A1-	11		40	102	55	45	12	
DC175-03-11.100A1-	11,1		40	102	55	45	12	
DC175-03-11.113A1-	11,113	7/16"	40	102	55	45	12	
DC175-03-11.200A1-	11,2		40	102	55	45	12	
DC175-03-11.300A1-	11,3		40	102	55	45	12	
DC175-03-11.400A1-	11,4		40	102	55	45	12	
DC175-03-11.500A1-	11,5		40	102	55	45	12	
DC175-03-11.509A1-	11,509	29/64"	40	102	55	45	12	
DC175-03-11.600A1-	11,6		40	102	55	45	12	
DC175-03-11.700A1-	11,7		40	102	55	45	12	
DC175-03-11.800A1-	11,8		40	102	55	45	12	
DC175-03-11.900A1-	11,9		40	102	55	45	12	
DC175-03-12.000A1-	12		40	102	55	45	12	
DC175-03-12.100A1-	12,1		43	107	60	45	14	
DC175-03-12.200A1-	12,2		43	107	60	45	14	
DC175-03-12.300A1-	12,3		43	107	60	45	14	
DC175-03-12.303A1-	12,303	31/64"	43	107	60	45	14	
DC175-03-12.500A1-	12,5		43	107	60	45	14	
DC175-03-12.600A1-	12,6		43	107	60	45	14	
DC175-03-12.700A1-	12,7	1/2"	43	107	60	45	14	
DC175-03-12.900A1-	12,9		43	107	60	45	14	
DC175-03-13.000A1-	13		43	107	60	45	14	
DC175-03-13.100A1-	13,1		43	107	60	45	14	
DC175-03-13.300A1-	13,3		43	107	60	45	14	
DC175-03-13.494A1-	13,494	17/32"	43	107	60	45	14	
DC175-03-13.500A1-	13,5		43	107	60	45	14	
DC175-03-13.800A1-	13,8		43	107	60	45	14	
DC175-03-14.000A1-	14		43	107	60	45	14	

Ordering example for the grade WJ30RZ: DC175-03-03.000A1-WJ30RZ

Tool

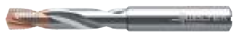


DIN 6535 HA

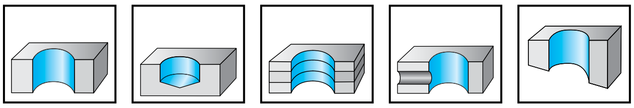
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RZ
DC175-03-14.200A1-	14,2		45	115	65	48	16	
DC175-03-14.288A1-	14,288	9/16"	45	115	65	48	16	
DC175-03-14.500A1-	14,5		45	115	65	48	16	
DC175-03-14.750A1-	14,75		45	115	65	48	16	
DC175-03-15.000A1-	15		45	115	65	48	16	
DC175-03-15.100A1-	15,1		45	115	65	48	16	
DC175-03-15.200A1-	15,2		45	115	65	48	16	
DC175-03-15.300A1-	15,3		45	115	65	48	16	
DC175-03-15.500A1-	15,5		45	115	65	48	16	
DC175-03-15.800A1-	15,8		45	115	65	48	16	
DC175-03-16.000A1-	16		45	115	65	48	16	
DC175-03-16.500A1-	16,5		51	123	73	48	18	
DC175-03-17.500A1-	17,5		51	123	73	48	18	
DC175-03-18.000A1-	18		51	123	73	48	18	
DC175-03-18.500A1-	18,5		55	131	79	50	20	
DC175-03-19.000A1-	19		55	131	79	50	20	
DC175-03-19.500A1-	19,5		55	131	79	50	20	
DC175-03-20.000A1-	20		55	131	79	50	20	

Ordering example for the grade WJ30RZ: DC175-03-03.000A1-WJ30RZ

Solid carbide drills with coolant-through
DC170 Supreme



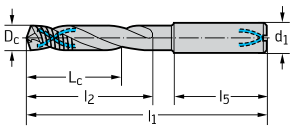
3×Dc | DIN 6537 K | 140°



	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

B1

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-03-03.000A1-	3		14	62	20	36	6	Average
DC170-03-03.100A1-	3,1		14	62	20	36	6	Average
DC170-03-03.175A1-	3,175	1/8"	14	62	20	36	6	Average
DC170-03-03.200A1-	3,2		14	62	20	36	6	Average
DC170-03-03.300A1-	3,3		14	62	20	36	6	Average
DC170-03-03.400A1-	3,4		14	62	20	36	6	Average
DC170-03-03.500A1-	3,5		14	62	20	36	6	Average
DC170-03-03.572A1-	3,572	9/64"	14	62	20	36	6	Average
DC170-03-03.600A1-	3,6		14	62	20	36	6	Average
DC170-03-03.700A1-	3,7		14	62	20	36	6	Average
DC170-03-03.800A1-	3,8		17	66	24	36	6	Average
DC170-03-03.900A1-	3,9		17	66	24	36	6	Average
DC170-03-03.969A1-	3,969	5/32"	17	66	24	36	6	Average
DC170-03-04.000A1-	4		17	66	24	36	6	Average
DC170-03-04.100A1-	4,1		17	66	24	36	6	Average
DC170-03-04.200A1-	4,2		17	66	24	36	6	Average
DC170-03-04.300A1-	4,3		17	66	24	36	6	Average
DC170-03-04.366A1-	4,366	11/64"	17	66	24	36	6	Average
DC170-03-04.400A1-	4,4		17	66	24	36	6	Average
DC170-03-04.500A1-	4,5		17	66	24	36	6	Average
DC170-03-04.600A1-	4,6		17	66	24	36	6	Average
DC170-03-04.650A1-	4,65		17	66	24	36	6	Average
DC170-03-04.700A1-	4,7		17	66	24	36	6	Average
DC170-03-04.763A1-	4,763	3/16"	20	66	28	36	6	Average
DC170-03-04.800A1-	4,8		20	66	28	36	6	Average
DC170-03-04.900A1-	4,9		20	66	28	36	6	Average
DC170-03-05.000A1-	5		20	66	28	36	6	Average
DC170-03-05.100A1-	5,1		20	66	28	36	6	Average
DC170-03-05.159A1-	5,159	13/64"	20	66	28	36	6	Average
DC170-03-05.200A1-	5,2		20	66	28	36	6	Average
DC170-03-05.300A1-	5,3		20	66	28	36	6	Average
DC170-03-05.400A1-	5,4		20	66	28	36	6	Average
DC170-03-05.500A1-	5,5		20	66	28	36	6	Average
DC170-03-05.550A1-	5,55		20	66	28	36	6	Average
DC170-03-05.556A1-	5,556	7/32"	20	66	28	36	6	Average

Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

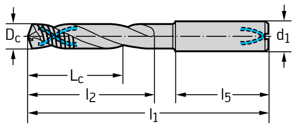
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

B1

Tool

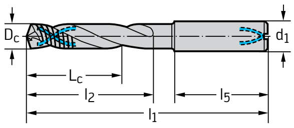


DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30EJ
DC170-03-05.600A1-	5,6		20	66	28	36	6	●
DC170-03-05.700A1-	5,7		20	66	28	36	6	●
DC170-03-05.800A1-	5,8		20	66	28	36	6	●
DC170-03-05.900A1-	5,9		20	66	28	36	6	●
DC170-03-05.953A1-	5,953	15/64"	20	66	28	36	6	●
DC170-03-06.000A1-	6		20	66	28	36	6	●
DC170-03-06.100A1-	6,1		24	79	34	36	8	●
DC170-03-06.200A1-	6,2		24	79	34	36	8	●
DC170-03-06.300A1-	6,3		24	79	34	36	8	●
DC170-03-06.350A1-	6,35	1/4"	24	79	34	36	8	●
DC170-03-06.400A1-	6,4		24	79	34	36	8	●
DC170-03-06.500A1-	6,5		24	79	34	36	8	●
DC170-03-06.600A1-	6,6		24	79	34	36	8	●
DC170-03-06.700A1-	6,7		24	79	34	36	8	●
DC170-03-06.747A1-	6,747	17/64"	24	79	34	36	8	●
DC170-03-06.800A1-	6,8		24	79	34	36	8	●
DC170-03-06.900A1-	6,9		24	79	34	36	8	●
DC170-03-07.000A1-	7		24	79	34	36	8	●
DC170-03-07.100A1-	7,1		29	79	41	36	8	●
DC170-03-07.144A1-	7,144	9/32"	29	79	41	36	8	●
DC170-03-07.200A1-	7,2		29	79	41	36	8	●
DC170-03-07.300A1-	7,3		29	79	41	36	8	●
DC170-03-07.400A1-	7,4		29	79	41	36	8	●
DC170-03-07.500A1-	7,5		29	79	41	36	8	●
DC170-03-07.541A1-	7,541	19/64"	29	79	41	36	8	●
DC170-03-07.800A1-	7,8		29	79	41	36	8	●
DC170-03-07.900A1-	7,9		29	79	41	36	8	●
DC170-03-07.938A1-	7,938	5/16"	29	79	41	36	8	●
DC170-03-08.000A1-	8		29	79	41	36	8	●
DC170-03-08.100A1-	8,1		35	89	47	40	10	●
DC170-03-08.200A1-	8,2		35	89	47	40	10	●
DC170-03-08.300A1-	8,3		35	89	47	40	10	●
DC170-03-08.500A1-	8,5		35	89	47	40	10	●
DC170-03-08.600A1-	8,6		35	89	47	40	10	●
DC170-03-08.700A1-	8,7		35	89	47	40	10	●
DC170-03-08.731A1-	8,731	11/32"	35	89	47	40	10	●
DC170-03-08.800A1-	8,8		35	89	47	40	10	●
DC170-03-09.000A1-	9		35	89	47	40	10	●
DC170-03-09.128A1-	9,128	23/64"	35	89	47	40	10	●
DC170-03-09.200A1-	9,2		35	89	47	40	10	●
DC170-03-09.300A1-	9,3		35	89	47	40	10	●
DC170-03-09.500A1-	9,5		35	89	47	40	10	●
DC170-03-09.525A1-	9,525	3/8"	35	89	47	40	10	●
DC170-03-09.600A1-	9,6		35	89	47	40	10	●
DC170-03-09.700A1-	9,7		35	89	47	40	10	●
DC170-03-09.800A1-	9,8		35	89	47	40	10	●
DC170-03-09.922A1-	9,922	25/64"	35	89	47	40	10	●
DC170-03-10.000A1-	10		35	89	47	40	10	●

Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

Tool



DIN 6535 HA

B1

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-03-10.100A1-	10,1		40	102	55	45	12	
DC170-03-10.200A1-	10,2		40	102	55	45	12	
DC170-03-10.300A1-	10,3		40	102	55	45	12	
DC170-03-10.319A1-	10,319	13/32"	40	102	55	45	12	
DC170-03-10.400A1-	10,4		40	102	55	45	12	
DC170-03-10.500A1-	10,5		40	102	55	45	12	
DC170-03-10.716A1-	10,716	27/64"	40	102	55	45	12	
DC170-03-10.800A1-	10,8		40	102	55	45	12	
DC170-03-11.000A1-	11		40	102	55	45	12	
DC170-03-11.100A1-	11,1		40	102	55	45	12	
DC170-03-11.113A1-	11,113	7/16"	40	102	55	45	12	
DC170-03-11.200A1-	11,2		40	102	55	45	12	
DC170-03-11.500A1-	11,5		40	102	55	45	12	
DC170-03-11.509A1-	11,509	29/64"	40	102	55	45	12	
DC170-03-11.700A1-	11,7		40	102	55	45	12	
DC170-03-11.800A1-	11,8		40	102	55	45	12	
DC170-03-12.000A1-	12		40	102	55	45	12	
DC170-03-12.100A1-	12,1		43	107	60	45	14	
DC170-03-12.200A1-	12,2		43	107	60	45	14	
DC170-03-12.300A1-	12,3		43	107	60	45	14	
DC170-03-12.500A1-	12,5		43	107	60	45	14	
DC170-03-12.600A1-	12,6		43	107	60	45	14	
DC170-03-12.700A1-	12,7	1/2"	43	107	60	45	14	
DC170-03-13.000A1-	13		43	107	60	45	14	
DC170-03-13.300A1-	13,3		43	107	60	45	14	
DC170-03-13.494A1-	13,494	17/32"	43	107	60	45	14	
DC170-03-13.500A1-	13,5		43	107	60	45	14	
DC170-03-14.000A1-	14		43	107	60	45	14	
DC170-03-14.288A1-	14,288	9/16"	45	115	65	48	16	
DC170-03-14.500A1-	14,5		45	115	65	48	16	
DC170-03-15.000A1-	15		45	115	65	48	16	
DC170-03-15.875A1-	15,875	5/8"	45	115	65	48	16	
DC170-03-16.000A1-	16		45	115	65	48	16	
DC170-03-16.500A1-	16,5		51	123	73	48	18	
DC170-03-17.000A1-	17		51	123	73	48	18	
DC170-03-17.500A1-	17,5		51	123	73	48	18	
DC170-03-18.000A1-	18		51	123	73	48	18	
DC170-03-19.050A1-	19,05	3/4"	55	131	79	50	20	
DC170-03-20.000A1-	20		55	131	79	50	20	

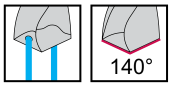
Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

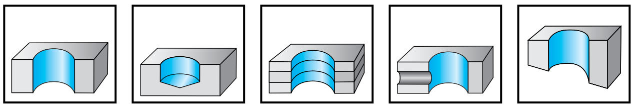
Solid carbide drills with coolant-through

DC160 Advance

X·treme Evo

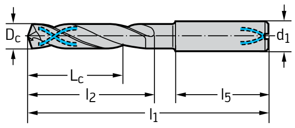
3×Dc | DIN 6537 K





	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-03.000A1-	3		14	62	20	36	6	😐
DC160-03-03.100A1-	3,1		14	62	20	36	6	😐
DC160-03-03.175A1-	3,175	1/8"	14	62	20	36	6	😐
DC160-03-03.200A1-	3,2		14	62	20	36	6	😐
DC160-03-03.250A1-	3,25		14	62	20	36	6	😐
DC160-03-03.300A1-	3,3		14	62	20	36	6	😐
DC160-03-03.400A1-	3,4		14	62	20	36	6	😐
DC160-03-03.500A1-	3,5		14	62	20	36	6	😐
DC160-03-03.572A1-	3,572	9/64"	14	62	20	36	6	😐
DC160-03-03.600A1-	3,6		14	62	20	36	6	😐
DC160-03-03.650A1-	3,65		14	62	20	36	6	😐
DC160-03-03.700A1-	3,7		14	62	20	36	6	😐
DC160-03-03.800A1-	3,8		17	66	24	36	6	😐
DC160-03-03.900A1-	3,9		17	66	24	36	6	😐
DC160-03-03.969A1-	3,969	5/32"	17	66	24	36	6	😐
DC160-03-04.000A1-	4		17	66	24	36	6	😐
DC160-03-04.100A1-	4,1		17	66	24	36	6	😐
DC160-03-04.200A1-	4,2		17	66	24	36	6	😐
DC160-03-04.300A1-	4,3		17	66	24	36	6	😐
DC160-03-04.366A1-	4,366	11/64"	17	66	24	36	6	😐
DC160-03-04.400A1-	4,4		17	66	24	36	6	😐
DC160-03-04.500A1-	4,5		17	66	24	36	6	😐
DC160-03-04.600A1-	4,6		17	66	24	36	6	😐
DC160-03-04.650A1-	4,65		17	66	24	36	6	😐
DC160-03-04.700A1-	4,7		17	66	24	36	6	😐
DC160-03-04.763A1-	4,763	3/16"	20	66	28	36	6	😐
DC160-03-04.800A1-	4,8		20	66	28	36	6	😐
DC160-03-04.900A1-	4,9		20	66	28	36	6	😐
DC160-03-05.000A1-	5		20	66	28	36	6	😐
DC160-03-05.100A1-	5,1		20	66	28	36	6	😐
DC160-03-05.159A1-	5,159	13/64"	20	66	28	36	6	😐
DC160-03-05.200A1-	5,2		20	66	28	36	6	😐
DC160-03-05.300A1-	5,3		20	66	28	36	6	😐
DC160-03-05.400A1-	5,4		20	66	28	36	6	😐
DC160-03-05.500A1-	5,5		20	66	28	36	6	😐

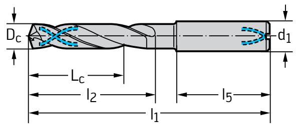
Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

Tool



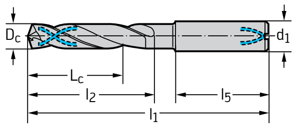
DIN 6535 HA

B1

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-05.550A1-	5,55		20	66	28	36	6	
DC160-03-05.556A1-	5,556	7/32"	20	66	28	36	6	
DC160-03-05.600A1-	5,6		20	66	28	36	6	
DC160-03-05.700A1-	5,7		20	66	28	36	6	
DC160-03-05.800A1-	5,8		20	66	28	36	6	
DC160-03-05.900A1-	5,9		20	66	28	36	6	
DC160-03-05.953A1-	5,953	15/64"	20	66	28	36	6	
DC160-03-06.000A1-	6		20	66	28	36	6	
DC160-03-06.100A1-	6,1		24	79	34	36	8	
DC160-03-06.200A1-	6,2		24	79	34	36	8	
DC160-03-06.300A1-	6,3		24	79	34	36	8	
DC160-03-06.350A1-	6,35	1/4"	24	79	34	36	8	
DC160-03-06.400A1-	6,4		24	79	34	36	8	
DC160-03-06.500A1-	6,5		24	79	34	36	8	
DC160-03-06.600A1-	6,6		24	79	34	36	8	
DC160-03-06.700A1-	6,7		24	79	34	36	8	
DC160-03-06.747A1-	6,747	17/64"	24	79	34	36	8	
DC160-03-06.800A1-	6,8		24	79	34	36	8	
DC160-03-06.900A1-	6,9		24	79	34	36	8	
DC160-03-07.000A1-	7		24	79	34	36	8	
DC160-03-07.100A1-	7,1		29	79	41	36	8	
DC160-03-07.144A1-	7,144	9/32"	29	79	41	36	8	
DC160-03-07.200A1-	7,2		29	79	41	36	8	
DC160-03-07.300A1-	7,3		29	79	41	36	8	
DC160-03-07.400A1-	7,4		29	79	41	36	8	
DC160-03-07.500A1-	7,5		29	79	41	36	8	
DC160-03-07.541A1-	7,541	19/64"	29	79	41	36	8	
DC160-03-07.550A1-	7,55		29	79	41	36	8	
DC160-03-07.600A1-	7,6		29	79	41	36	8	
DC160-03-07.700A1-	7,7		29	79	41	36	8	
DC160-03-07.800A1-	7,8		29	79	41	36	8	
DC160-03-07.900A1-	7,9		29	79	41	36	8	
DC160-03-07.938A1-	7,938	5/16"	29	79	41	36	8	
DC160-03-08.000A1-	8		29	79	41	36	8	
DC160-03-08.100A1-	8,1		35	89	47	40	10	
DC160-03-08.200A1-	8,2		35	89	47	40	10	
DC160-03-08.300A1-	8,3		35	89	47	40	10	
DC160-03-08.334A1-	8,334	21/64"	35	89	47	40	10	
DC160-03-08.400A1-	8,4		35	89	47	40	10	
DC160-03-08.500A1-	8,5		35	89	47	40	10	
DC160-03-08.600A1-	8,6		35	89	47	40	10	
DC160-03-08.700A1-	8,7		35	89	47	40	10	
DC160-03-08.731A1-	8,731	11/32"	35	89	47	40	10	
DC160-03-08.800A1-	8,8		35	89	47	40	10	
DC160-03-08.900A1-	8,9		35	89	47	40	10	
DC160-03-09.000A1-	9		35	89	47	40	10	
DC160-03-09.100A1-	9,1		35	89	47	40	10	
DC160-03-09.128A1-	9,128	23/64"	35	89	47	40	10	

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Tool



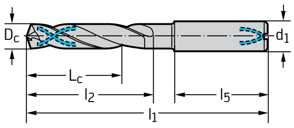
DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-09.200A1-	9,2		35	89	47	40	10	●
DC160-03-09.300A1-	9,3		35	89	47	40	10	●
DC160-03-09.400A1-	9,4		35	89	47	40	10	●
DC160-03-09.500A1-	9,5		35	89	47	40	10	●
DC160-03-09.525A1-	9,525	3/8"	35	89	47	40	10	●
DC160-03-09.550A1-	9,55		35	89	47	40	10	●
DC160-03-09.600A1-	9,6		35	89	47	40	10	●
DC160-03-09.700A1-	9,7		35	89	47	40	10	●
DC160-03-09.800A1-	9,8		35	89	47	40	10	●
DC160-03-09.900A1-	9,9		35	89	47	40	10	●
DC160-03-09.922A1-	9,922	25/64"	35	89	47	40	10	●
DC160-03-10.000A1-	10		35	89	47	40	10	●
DC160-03-10.100A1-	10,1		40	102	55	45	12	●
DC160-03-10.200A1-	10,2		40	102	55	45	12	●
DC160-03-10.300A1-	10,3		40	102	55	45	12	●
DC160-03-10.319A1-	10,319	13/32"	40	102	55	45	12	●
DC160-03-10.400A1-	10,4		40	102	55	45	12	●
DC160-03-10.500A1-	10,5		40	102	55	45	12	●
DC160-03-10.600A1-	10,6		40	102	55	45	12	●
DC160-03-10.700A1-	10,7		40	102	55	45	12	●
DC160-03-10.716A1-	10,716	27/64"	40	102	55	45	12	●
DC160-03-10.800A1-	10,8		40	102	55	45	12	●
DC160-03-10.900A1-	10,9		40	102	55	45	12	●
DC160-03-11.000A1-	11		40	102	55	45	12	●
DC160-03-11.100A1-	11,1		40	102	55	45	12	●
DC160-03-11.113A1-	11,113	7/16"	40	102	55	45	12	●
DC160-03-11.200A1-	11,2		40	102	55	45	12	●
DC160-03-11.300A1-	11,3		40	102	55	45	12	●
DC160-03-11.400A1-	11,4		40	102	55	45	12	●
DC160-03-11.500A1-	11,5		40	102	55	45	12	●
DC160-03-11.509A1-	11,509	29/64"	40	102	55	45	12	●
DC160-03-11.550A1-	11,55		40	102	55	45	12	●
DC160-03-11.600A1-	11,6		40	102	55	45	12	●
DC160-03-11.700A1-	11,7		40	102	55	45	12	●
DC160-03-11.800A1-	11,8		40	102	55	45	12	●
DC160-03-11.900A1-	11,9		40	102	55	45	12	●
DC160-03-11.906A1-	11,906	15/32"	40	102	55	45	12	●
DC160-03-12.000A1-	12		40	102	55	45	12	●
DC160-03-12.100A1-	12,1		43	107	60	45	14	●
DC160-03-12.200A1-	12,2		43	107	60	45	14	●
DC160-03-12.250A1-	12,25		43	107	60	45	14	●
DC160-03-12.300A1-	12,3		43	107	60	45	14	●
DC160-03-12.303A1-	12,303	31/64"	43	107	60	45	14	●
DC160-03-12.400A1-	12,4		43	107	60	45	14	●
DC160-03-12.500A1-	12,5		43	107	60	45	14	●
DC160-03-12.600A1-	12,6		43	107	60	45	14	●
DC160-03-12.700A1-	12,7	1/2"	43	107	60	45	14	●
DC160-03-12.750A1-	12,75		43	107	60	45	14	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

B1

Tool



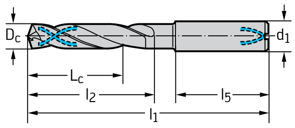
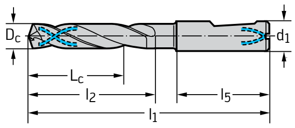
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-12.800A1-	12,8		43	107	60	45	14	●
DC160-03-12.900A1-	12,9		43	107	60	45	14	●
DC160-03-13.000A1-	13		43	107	60	45	14	●
DC160-03-13.100A1-	13,1		43	107	60	45	14	●
DC160-03-13.200A1-	13,2		43	107	60	45	14	●
DC160-03-13.300A1-	13,3		43	107	60	45	14	●
DC160-03-13.400A1-	13,4		43	107	60	45	14	●
DC160-03-13.494A1-	13,494	17/32"	43	107	60	45	14	●
DC160-03-13.500A1-	13,5		43	107	60	45	14	●
DC160-03-13.600A1-	13,6		43	107	60	45	14	●
DC160-03-13.700A1-	13,7		43	107	60	45	14	●
DC160-03-13.800A1-	13,8		43	107	60	45	14	●
DC160-03-13.900A1-	13,9		43	107	60	45	14	●
DC160-03-14.000A1-	14		43	107	60	45	14	●
DC160-03-14.100A1-	14,1		45	115	65	48	16	●
DC160-03-14.200A1-	14,2		45	115	65	48	16	●
DC160-03-14.288A1-	14,288	9/16"	45	115	65	48	16	●
DC160-03-14.300A1-	14,3		45	115	65	48	16	●
DC160-03-14.400A1-	14,4		45	115	65	48	16	●
DC160-03-14.500A1-	14,5		45	115	65	48	16	●
DC160-03-14.600A1-	14,6		45	115	65	48	16	●
DC160-03-14.700A1-	14,7		45	115	65	48	16	●
DC160-03-14.800A1-	14,8		45	115	65	48	16	●
DC160-03-15.000A1-	15		45	115	65	48	16	●
DC160-03-15.100A1-	15,1		45	115	65	48	16	●
DC160-03-15.200A1-	15,2		45	115	65	48	16	●
DC160-03-15.300A1-	15,3		45	115	65	48	16	●
DC160-03-15.500A1-	15,5		45	115	65	48	16	●
DC160-03-15.600A1-	15,6		45	115	65	48	16	●
DC160-03-15.700A1-	15,7		45	115	65	48	16	●
DC160-03-15.800A1-	15,8		45	115	65	48	16	●
DC160-03-15.875A1-	15,875	5/8"	45	115	65	48	16	●
DC160-03-15.900A1-	15,9		45	115	65	48	16	●
DC160-03-16.000A1-	16		45	115	65	48	16	●
DC160-03-16.100A1-	16,1		51	123	73	48	18	●
DC160-03-16.200A1-	16,2		51	123	73	48	18	●
DC160-03-16.300A1-	16,3		51	123	73	48	18	●
DC160-03-16.400A1-	16,4		51	123	73	48	18	●
DC160-03-16.500A1-	16,5		51	123	73	48	18	●
DC160-03-16.600A1-	16,6		51	123	73	48	18	●
DC160-03-16.700A1-	16,7		51	123	73	48	18	●
DC160-03-16.750A1-	16,75		51	123	73	48	18	●
DC160-03-16.800A1-	16,8		51	123	73	48	18	●
DC160-03-17.000A1-	17		51	123	73	48	18	●
DC160-03-17.200A1-	17,2		51	123	73	48	18	●
DC160-03-17.300A1-	17,3		51	123	73	48	18	●
DC160-03-17.500A1-	17,5		51	123	73	48	18	●
DC160-03-17.600A1-	17,6		51	123	73	48	18	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

B1

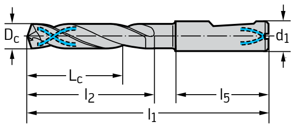
Tool

Tool	Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
	DC160-03-17.700A1-	17,7		51	123	73	48	18	●
	DC160-03-17.800A1-	17,8		51	123	73	48	18	●
	DC160-03-18.000A1-	18		51	123	73	48	18	●
	DC160-03-18.200A1-	18,2		55	131	79	50	20	●
DIN 6535 HA	DC160-03-18.500A1-	18,5		55	131	79	50	20	●
	DC160-03-18.700A1-	18,7		55	131	79	50	20	●
	DC160-03-18.800A1-	18,8		55	131	79	50	20	●
	DC160-03-19.000A1-	19		55	131	79	50	20	●
	DC160-03-19.050A1-	19,05	3/4"	55	131	79	50	20	●
	DC160-03-19.500A1-	19,5		55	131	79	50	20	●
	DC160-03-19.700A1-	19,7		55	131	79	50	20	●
	DC160-03-19.800A1-	19,8		55	131	79	50	20	●
	DC160-03-20.000A1-	20		55	131	79	50	20	●
	DC160-03-03.000F1-	3		14	62	20	36	6	●
	DC160-03-03.100F1-	3,1		14	62	20	36	6	●
	DC160-03-03.200F1-	3,2		14	62	20	36	6	●
	DC160-03-03.250F1-	3,25		14	62	20	36	6	●
DIN 6535 HE	DC160-03-03.300F1-	3,3		14	62	20	36	6	●
	DC160-03-03.400F1-	3,4		14	62	20	36	6	●
	DC160-03-03.500F1-	3,5		14	62	20	36	6	●
	DC160-03-03.600F1-	3,6		14	62	20	36	6	●
	DC160-03-03.650F1-	3,65		14	62	20	36	6	●
	DC160-03-03.700F1-	3,7		14	62	20	36	6	●
	DC160-03-03.800F1-	3,8		17	66	24	36	6	●
	DC160-03-03.900F1-	3,9		17	66	24	36	6	●
	DC160-03-04.000F1-	4		17	66	24	36	6	●
	DC160-03-04.100F1-	4,1		17	66	24	36	6	●
	DC160-03-04.200F1-	4,2		17	66	24	36	6	●
	DC160-03-04.300F1-	4,3		17	66	24	36	6	●
	DC160-03-04.400F1-	4,4		17	66	24	36	6	●
	DC160-03-04.500F1-	4,5		17	66	24	36	6	●
	DC160-03-04.600F1-	4,6		17	66	24	36	6	●
	DC160-03-04.650F1-	4,65		17	66	24	36	6	●
	DC160-03-04.700F1-	4,7		17	66	24	36	6	●
	DC160-03-04.800F1-	4,8		20	66	28	36	6	●
	DC160-03-04.900F1-	4,9		20	66	28	36	6	●
	DC160-03-05.000F1-	5		20	66	28	36	6	●
	DC160-03-05.100F1-	5,1		20	66	28	36	6	●
	DC160-03-05.200F1-	5,2		20	66	28	36	6	●
	DC160-03-05.300F1-	5,3		20	66	28	36	6	●
	DC160-03-05.400F1-	5,4		20	66	28	36	6	●
	DC160-03-05.500F1-	5,5		20	66	28	36	6	●
	DC160-03-05.550F1-	5,55		20	66	28	36	6	●
	DC160-03-05.600F1-	5,6		20	66	28	36	6	●
	DC160-03-05.700F1-	5,7		20	66	28	36	6	●
	DC160-03-05.800F1-	5,8		20	66	28	36	6	●
	DC160-03-05.900F1-	5,9		20	66	28	36	6	●
	DC160-03-06.000F1-	6		20	66	28	36	6	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

B1

Tool

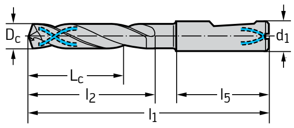


DIN 6535 HE

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-06.100F1-	6,1		24	79	34	36	8	
DC160-03-06.200F1-	6,2		24	79	34	36	8	
DC160-03-06.300F1-	6,3		24	79	34	36	8	
DC160-03-06.400F1-	6,4		24	79	34	36	8	
DC160-03-06.500F1-	6,5		24	79	34	36	8	
DC160-03-06.600F1-	6,6		24	79	34	36	8	
DC160-03-06.700F1-	6,7		24	79	34	36	8	
DC160-03-06.800F1-	6,8		24	79	34	36	8	
DC160-03-06.900F1-	6,9		24	79	34	36	8	
DC160-03-07.000F1-	7		24	79	34	36	8	
DC160-03-07.100F1-	7,1		29	79	41	36	8	
DC160-03-07.200F1-	7,2		29	79	41	36	8	
DC160-03-07.300F1-	7,3		29	79	41	36	8	
DC160-03-07.400F1-	7,4		29	79	41	36	8	
DC160-03-07.500F1-	7,5		29	79	41	36	8	
DC160-03-07.550F1-	7,55		29	79	41	36	8	
DC160-03-07.600F1-	7,6		29	79	41	36	8	
DC160-03-07.700F1-	7,7		29	79	41	36	8	
DC160-03-07.800F1-	7,8		29	79	41	36	8	
DC160-03-07.900F1-	7,9		29	79	41	36	8	
DC160-03-08.000F1-	8		29	79	41	36	8	
DC160-03-08.100F1-	8,1		35	89	47	40	10	
DC160-03-08.200F1-	8,2		35	89	47	40	10	
DC160-03-08.300F1-	8,3		35	89	47	40	10	
DC160-03-08.400F1-	8,4		35	89	47	40	10	
DC160-03-08.500F1-	8,5		35	89	47	40	10	
DC160-03-08.600F1-	8,6		35	89	47	40	10	
DC160-03-08.700F1-	8,7		35	89	47	40	10	
DC160-03-08.800F1-	8,8		35	89	47	40	10	
DC160-03-08.900F1-	8,9		35	89	47	40	10	
DC160-03-09.000F1-	9		35	89	47	40	10	
DC160-03-09.100F1-	9,1		35	89	47	40	10	
DC160-03-09.200F1-	9,2		35	89	47	40	10	
DC160-03-09.300F1-	9,3		35	89	47	40	10	
DC160-03-09.400F1-	9,4		35	89	47	40	10	
DC160-03-09.500F1-	9,5		35	89	47	40	10	
DC160-03-09.550F1-	9,55		35	89	47	40	10	
DC160-03-09.600F1-	9,6		35	89	47	40	10	
DC160-03-09.700F1-	9,7		35	89	47	40	10	
DC160-03-09.800F1-	9,8		35	89	47	40	10	
DC160-03-09.900F1-	9,9		35	89	47	40	10	
DC160-03-10.000F1-	10		35	89	47	40	10	
DC160-03-10.100F1-	10,1		40	102	55	45	12	
DC160-03-10.200F1-	10,2		40	102	55	45	12	
DC160-03-10.300F1-	10,3		40	102	55	45	12	
DC160-03-10.400F1-	10,4		40	102	55	45	12	
DC160-03-10.500F1-	10,5		40	102	55	45	12	
DC160-03-10.600F1-	10,6		40	102	55	45	12	

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Tool



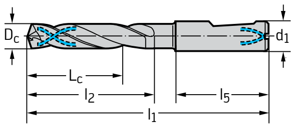
DIN 6535 HE

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-10.700F1-	10,7		40	102	55	45	12	
DC160-03-10.800F1-	10,8		40	102	55	45	12	
DC160-03-10.900F1-	10,9		40	102	55	45	12	
DC160-03-11.000F1-	11		40	102	55	45	12	
DC160-03-11.100F1-	11,1		40	102	55	45	12	
DC160-03-11.200F1-	11,2		40	102	55	45	12	
DC160-03-11.300F1-	11,3		40	102	55	45	12	
DC160-03-11.400F1-	11,4		40	102	55	45	12	
DC160-03-11.500F1-	11,5		40	102	55	45	12	
DC160-03-11.550F1-	11,55		40	102	55	45	12	
DC160-03-11.600F1-	11,6		40	102	55	45	12	
DC160-03-11.700F1-	11,7		40	102	55	45	12	
DC160-03-11.800F1-	11,8		40	102	55	45	12	
DC160-03-11.900F1-	11,9		40	102	55	45	12	
DC160-03-12.000F1-	12		40	102	55	45	12	
DC160-03-12.100F1-	12,1		43	107	60	45	14	
DC160-03-12.200F1-	12,2		43	107	60	45	14	
DC160-03-12.250F1-	12,25		43	107	60	45	14	
DC160-03-12.300F1-	12,3		43	107	60	45	14	
DC160-03-12.400F1-	12,4		43	107	60	45	14	
DC160-03-12.500F1-	12,5		43	107	60	45	14	
DC160-03-12.600F1-	12,6		43	107	60	45	14	
DC160-03-12.700F1-	12,7	1/2"	43	107	60	45	14	
DC160-03-12.750F1-	12,75		43	107	60	45	14	
DC160-03-12.800F1-	12,8		43	107	60	45	14	
DC160-03-12.900F1-	12,9		43	107	60	45	14	
DC160-03-13.000F1-	13		43	107	60	45	14	
DC160-03-13.100F1-	13,1		43	107	60	45	14	
DC160-03-13.200F1-	13,2		43	107	60	45	14	
DC160-03-13.300F1-	13,3		43	107	60	45	14	
DC160-03-13.400F1-	13,4		43	107	60	45	14	
DC160-03-13.500F1-	13,5		43	107	60	45	14	
DC160-03-13.600F1-	13,6		43	107	60	45	14	
DC160-03-13.700F1-	13,7		43	107	60	45	14	
DC160-03-13.800F1-	13,8		43	107	60	45	14	
DC160-03-13.900F1-	13,9		43	107	60	45	14	
DC160-03-14.000F1-	14		43	107	60	45	14	
DC160-03-14.100F1-	14,1		45	115	65	48	16	
DC160-03-14.200F1-	14,2		45	115	65	48	16	
DC160-03-14.300F1-	14,3		45	115	65	48	16	
DC160-03-14.400F1-	14,4		45	115	65	48	16	
DC160-03-14.500F1-	14,5		45	115	65	48	16	
DC160-03-14.600F1-	14,6		45	115	65	48	16	
DC160-03-14.700F1-	14,7		45	115	65	48	16	
DC160-03-14.750F1-	14,75		45	115	65	48	16	
DC160-03-14.800F1-	14,8		45	115	65	48	16	
DC160-03-15.000F1-	15		45	115	65	48	16	
DC160-03-15.100F1-	15,1		45	115	65	48	16	

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

B1

Tool



DIN 6535 HE

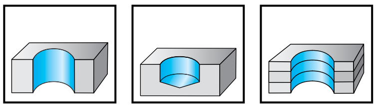
Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-15.200F1-	15,2		45	115	65	48	16	
DC160-03-15.300F1-	15,3		45	115	65	48	16	
DC160-03-15.500F1-	15,5		45	115	65	48	16	
DC160-03-15.600F1-	15,6		45	115	65	48	16	
DC160-03-15.700F1-	15,7		45	115	65	48	16	
DC160-03-15.800F1-	15,8		45	115	65	48	16	
DC160-03-15.900F1-	15,9		45	115	65	48	16	
DC160-03-16.000F1-	16		45	115	65	48	16	
DC160-03-16.100F1-	16,1		51	123	73	48	18	
DC160-03-16.200F1-	16,2		51	123	73	48	18	
DC160-03-16.300F1-	16,3		51	123	73	48	18	
DC160-03-16.400F1-	16,4		51	123	73	48	18	
DC160-03-16.500F1-	16,5		51	123	73	48	18	
DC160-03-16.600F1-	16,6		51	123	73	48	18	
DC160-03-16.700F1-	16,7		51	123	73	48	18	
DC160-03-16.750F1-	16,75		51	123	73	48	18	
DC160-03-16.800F1-	16,8		51	123	73	48	18	
DC160-03-17.000F1-	17		51	123	73	48	18	
DC160-03-17.200F1-	17,2		51	123	73	48	18	
DC160-03-17.300F1-	17,3		51	123	73	48	18	
DC160-03-17.500F1-	17,5		51	123	73	48	18	
DC160-03-17.600F1-	17,6		51	123	73	48	18	
DC160-03-17.700F1-	17,7		51	123	73	48	18	
DC160-03-17.800F1-	17,8		51	123	73	48	18	
DC160-03-18.000F1-	18		51	123	73	48	18	
DC160-03-18.200F1-	18,2		55	131	79	50	20	
DC160-03-18.500F1-	18,5		55	131	79	50	20	
DC160-03-18.700F1-	18,7		55	131	79	50	20	
DC160-03-18.800F1-	18,8		55	131	79	50	20	
DC160-03-19.000F1-	19		55	131	79	50	20	
DC160-03-19.500F1-	19,5		55	131	79	50	20	
DC160-03-19.700F1-	19,7		55	131	79	50	20	
DC160-03-19.800F1-	19,8		55	131	79	50	20	
DC160-03-20.000F1-	20		55	131	79	50	20	

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Solid carbide drills with coolant-through

DC150 Perform

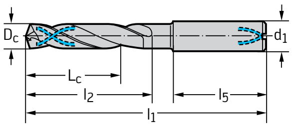
3×Dc	DIN 6537 K		140°



	P	M	K	N	S	H	O
WJ30RE	●●	●	●●	●●	●●	●	●

B1

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30RE
DC150-03-03.000A1-	3		14	62	20	36	6	☺
DC150-03-03.100A1-	3,1		14	62	20	36	6	☺
DC150-03-03.175A1-	3,175	1/8"	14	62	20	36	6	☺
DC150-03-03.200A1-	3,2		14	62	20	36	6	☺
DC150-03-03.250A1-	3,25		14	62	20	36	6	☺
DC150-03-03.300A1-	3,3		14	62	20	36	6	☺
DC150-03-03.400A1-	3,4		14	62	20	36	6	☺
DC150-03-03.500A1-	3,5		14	62	20	36	6	☺
DC150-03-03.572A1-	3,572	9/64"	14	62	20	36	6	☺
DC150-03-03.600A1-	3,6		14	62	20	36	6	☺
DC150-03-03.650A1-	3,65		14	62	20	36	6	☺
DC150-03-03.700A1-	3,7		14	62	20	36	6	☺
DC150-03-03.800A1-	3,8		17	66	24	36	6	☺
DC150-03-03.900A1-	3,9		17	66	24	36	6	☺
DC150-03-03.969A1-	3,969	5/32"	17	66	24	36	6	☺
DC150-03-04.000A1-	4		17	66	24	36	6	☺
DC150-03-04.100A1-	4,1		17	66	24	36	6	☺
DC150-03-04.200A1-	4,2		17	66	24	36	6	☺
DC150-03-04.300A1-	4,3		17	66	24	36	6	☺
DC150-03-04.366A1-	4,366	11/64"	17	66	24	36	6	☺
DC150-03-04.400A1-	4,4		17	66	24	36	6	☺
DC150-03-04.500A1-	4,5		17	66	24	36	6	☺
DC150-03-04.600A1-	4,6		17	66	24	36	6	☺
DC150-03-04.650A1-	4,65		17	66	24	36	6	☺
DC150-03-04.700A1-	4,7		17	66	24	36	6	☺
DC150-03-04.763A1-	4,763	3/16"	20	66	28	36	6	☺
DC150-03-04.800A1-	4,8		20	66	28	36	6	☺
DC150-03-04.900A1-	4,9		20	66	28	36	6	☺
DC150-03-05.000A1-	5		20	66	28	36	6	☺
DC150-03-05.100A1-	5,1		20	66	28	36	6	☺
DC150-03-05.159A1-	5,159	13/64"	20	66	28	36	6	☺
DC150-03-05.200A1-	5,2		20	66	28	36	6	☺
DC150-03-05.300A1-	5,3		20	66	28	36	6	☺
DC150-03-05.400A1-	5,4		20	66	28	36	6	☺
DC150-03-05.500A1-	5,5		20	66	28	36	6	☺

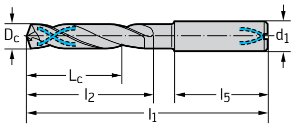
Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☺ → Poor = ☹ machining conditions

Tool



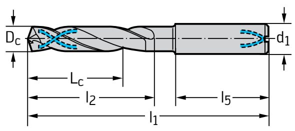
DIN 6535 HA

B1

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-05.550A1-	5,55		20	66	28	36	6	
DC150-03-05.556A1-	5,556	7/32"	20	66	28	36	6	
DC150-03-05.600A1-	5,6		20	66	28	36	6	
DC150-03-05.700A1-	5,7		20	66	28	36	6	
DC150-03-05.800A1-	5,8		20	66	28	36	6	
DC150-03-05.900A1-	5,9		20	66	28	36	6	
DC150-03-05.953A1-	5,953	15/64"	20	66	28	36	6	
DC150-03-06.000A1-	6		20	66	28	36	6	
DC150-03-06.100A1-	6,1		24	79	34	36	8	
DC150-03-06.200A1-	6,2		24	79	34	36	8	
DC150-03-06.300A1-	6,3		24	79	34	36	8	
DC150-03-06.350A1-	6,35	1/4"	24	79	34	36	8	
DC150-03-06.400A1-	6,4		24	79	34	36	8	
DC150-03-06.500A1-	6,5		24	79	34	36	8	
DC150-03-06.600A1-	6,6		24	79	34	36	8	
DC150-03-06.700A1-	6,7		24	79	34	36	8	
DC150-03-06.747A1-	6,747	17/64"	24	79	34	36	8	
DC150-03-06.800A1-	6,8		24	79	34	36	8	
DC150-03-06.900A1-	6,9		24	79	34	36	8	
DC150-03-07.000A1-	7		24	79	34	36	8	
DC150-03-07.100A1-	7,1		29	79	41	36	8	
DC150-03-07.144A1-	7,144	9/32"	29	79	41	36	8	
DC150-03-07.200A1-	7,2		29	79	41	36	8	
DC150-03-07.300A1-	7,3		29	79	41	36	8	
DC150-03-07.400A1-	7,4		29	79	41	36	8	
DC150-03-07.500A1-	7,5		29	79	41	36	8	
DC150-03-07.541A1-	7,541	19/64"	29	79	41	36	8	
DC150-03-07.600A1-	7,6		29	79	41	36	8	
DC150-03-07.700A1-	7,7		29	79	41	36	8	
DC150-03-07.800A1-	7,8		29	79	41	36	8	
DC150-03-07.900A1-	7,9		29	79	41	36	8	
DC150-03-07.938A1-	7,938	5/16"	29	79	41	36	8	
DC150-03-08.000A1-	8		29	79	41	36	8	
DC150-03-08.100A1-	8,1		35	89	47	40	10	
DC150-03-08.200A1-	8,2		35	89	47	40	10	
DC150-03-08.300A1-	8,3		35	89	47	40	10	
DC150-03-08.334A1-	8,334	21/64"	35	89	47	40	10	
DC150-03-08.400A1-	8,4		35	89	47	40	10	
DC150-03-08.500A1-	8,5		35	89	47	40	10	
DC150-03-08.600A1-	8,6		35	89	47	40	10	
DC150-03-08.700A1-	8,7		35	89	47	40	10	
DC150-03-08.731A1-	8,731	11/32"	35	89	47	40	10	
DC150-03-08.800A1-	8,8		35	89	47	40	10	
DC150-03-08.900A1-	8,9		35	89	47	40	10	
DC150-03-09.000A1-	9		35	89	47	40	10	
DC150-03-09.100A1-	9,1		35	89	47	40	10	
DC150-03-09.128A1-	9,128	23/64"	35	89	47	40	10	
DC150-03-09.200A1-	9,2		35	89	47	40	10	

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

Tool



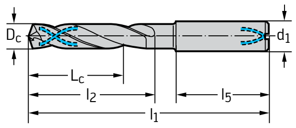
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-09.300A1-	9,3		35	89	47	40	10	●
DC150-03-09.400A1-	9,4		35	89	47	40	10	●
DC150-03-09.500A1-	9,5		35	89	47	40	10	●
DC150-03-09.525A1-	9,525	3/8"	35	89	47	40	10	●
DC150-03-09.600A1-	9,6		35	89	47	40	10	●
DC150-03-09.700A1-	9,7		35	89	47	40	10	●
DC150-03-09.800A1-	9,8		35	89	47	40	10	●
DC150-03-09.900A1-	9,9		35	89	47	40	10	●
DC150-03-09.922A1-	9,922	25/64"	35	89	47	40	10	●
DC150-03-10.000A1-	10		35	89	47	40	10	●
DC150-03-10.100A1-	10,1		40	102	55	45	12	●
DC150-03-10.200A1-	10,2		40	102	55	45	12	●
DC150-03-10.300A1-	10,3		40	102	55	45	12	●
DC150-03-10.319A1-	10,319	13/32"	40	102	55	45	12	●
DC150-03-10.400A1-	10,4		40	102	55	45	12	●
DC150-03-10.500A1-	10,5		40	102	55	45	12	●
DC150-03-10.600A1-	10,6		40	102	55	45	12	●
DC150-03-10.700A1-	10,7		40	102	55	45	12	●
DC150-03-10.716A1-	10,716	27/64"	40	102	55	45	12	●
DC150-03-10.800A1-	10,8		40	102	55	45	12	●
DC150-03-10.900A1-	10,9		40	102	55	45	12	●
DC150-03-11.000A1-	11		40	102	55	45	12	●
DC150-03-11.100A1-	11,1		40	102	55	45	12	●
DC150-03-11.113A1-	11,113	7/16"	40	102	55	45	12	●
DC150-03-11.200A1-	11,2		40	102	55	45	12	●
DC150-03-11.300A1-	11,3		40	102	55	45	12	●
DC150-03-11.400A1-	11,4		40	102	55	45	12	●
DC150-03-11.500A1-	11,5		40	102	55	45	12	●
DC150-03-11.509A1-	11,509	29/64"	40	102	55	45	12	●
DC150-03-11.600A1-	11,6		40	102	55	45	12	●
DC150-03-11.700A1-	11,7		40	102	55	45	12	●
DC150-03-11.800A1-	11,8		40	102	55	45	12	●
DC150-03-11.900A1-	11,9		40	102	55	45	12	●
DC150-03-11.906A1-	11,906	15/32"	40	102	55	45	12	●
DC150-03-12.000A1-	12		40	102	55	45	12	●
DC150-03-12.100A1-	12,1		43	107	60	45	14	●
DC150-03-12.200A1-	12,2		43	107	60	45	14	●
DC150-03-12.300A1-	12,3		43	107	60	45	14	●
DC150-03-12.303A1-	12,303	31/64"	43	107	60	45	14	●
DC150-03-12.500A1-	12,5		43	107	60	45	14	●
DC150-03-12.600A1-	12,6		43	107	60	45	14	●
DC150-03-12.700A1-	12,7	1/2"	43	107	60	45	14	●
DC150-03-12.800A1-	12,8		43	107	60	45	14	●
DC150-03-12.900A1-	12,9		43	107	60	45	14	●
DC150-03-13.000A1-	13		43	107	60	45	14	●
DC150-03-13.100A1-	13,1		43	107	60	45	14	●
DC150-03-13.200A1-	13,2		43	107	60	45	14	●
DC150-03-13.300A1-	13,3		43	107	60	45	14	●

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

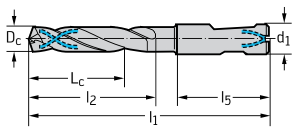
B1

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30RE
DC150-03-13.494A1-	13,494	17/32"	43	107	60	45	14	●
DC150-03-13.500A1-	13,5		43	107	60	45	14	●
DC150-03-13.800A1-	13,8		43	107	60	45	14	●
DC150-03-14.000A1-	14		43	107	60	45	14	●
DC150-03-14.100A1-	14,1		45	115	65	48	16	●
DC150-03-14.200A1-	14,2		45	115	65	48	16	●
DC150-03-14.288A1-	14,288	9/16"	45	115	65	48	16	●
DC150-03-14.500A1-	14,5		45	115	65	48	16	●
DC150-03-14.600A1-	14,6		45	115	65	48	16	●
DC150-03-14.700A1-	14,7		45	115	65	48	16	●
DC150-03-15.000A1-	15		45	115	65	48	16	●
DC150-03-15.100A1-	15,1		45	115	65	48	16	●
DC150-03-15.300A1-	15,3		45	115	65	48	16	●
DC150-03-15.500A1-	15,5		45	115	65	48	16	●
DC150-03-15.700A1-	15,7		45	115	65	48	16	●
DC150-03-15.800A1-	15,8		45	115	65	48	16	●
DC150-03-15.875A1-	15,875	5/8"	45	115	65	48	16	●
DC150-03-16.000A1-	16		45	115	65	48	16	●
DC150-03-16.300A1-	16,3		51	123	73	48	18	●
DC150-03-16.500A1-	16,5		51	123	73	48	18	●
DC150-03-16.700A1-	16,7		51	123	73	48	18	●
DC150-03-17.000A1-	17		51	123	73	48	18	●
DC150-03-17.500A1-	17,5		51	123	73	48	18	●
DC150-03-18.000A1-	18		51	123	73	48	18	●
DC150-03-18.500A1-	18,5		55	131	79	50	20	●
DC150-03-19.000A1-	19		55	131	79	50	20	●
DC150-03-19.050A1-	19,05	3/4"	55	131	79	50	20	●
DC150-03-20.000A1-	20		55	131	79	50	20	●

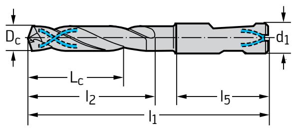


DIN 6535 HE, turned 180° DIN 6535 HB

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30RE
DC150-03-03.000D1-	3		14	62	20	36	6	●
DC150-03-03.300D1-	3,3		14	62	20	36	6	●
DC150-03-03.400D1-	3,4		14	62	20	36	6	●
DC150-03-03.500D1-	3,5		14	62	20	36	6	●
DC150-03-03.700D1-	3,7		14	62	20	36	6	●
DC150-03-03.800D1-	3,8		17	66	24	36	6	●
DC150-03-04.000D1-	4		17	66	24	36	6	●
DC150-03-04.200D1-	4,2		17	66	24	36	6	●
DC150-03-04.300D1-	4,3		17	66	24	36	6	●
DC150-03-04.500D1-	4,5		17	66	24	36	6	●
DC150-03-04.800D1-	4,8		20	66	28	36	6	●
DC150-03-05.000D1-	5		20	66	28	36	6	●
DC150-03-05.100D1-	5,1		20	66	28	36	6	●
DC150-03-05.300D1-	5,3		20	66	28	36	6	●
DC150-03-05.500D1-	5,5		20	66	28	36	6	●
DC150-03-06.000D1-	6		20	66	28	36	6	●
DC150-03-06.500D1-	6,5		24	79	34	36	8	●
DC150-03-06.700D1-	6,7		24	79	34	36	8	●
DC150-03-06.800D1-	6,8		24	79	34	36	8	●
DC150-03-07.000D1-	7		24	79	34	36	8	●

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

Tool



DIN 6535 HE, turned 180° DIN 6535 HB

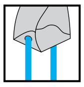
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-07.500D1-	7,5		29	79	41	36	8	
DC150-03-07.800D1-	7,8		29	79	41	36	8	
DC150-03-08.000D1-	8		29	79	41	36	8	
DC150-03-08.500D1-	8,5		35	89	47	40	10	
DC150-03-08.600D1-	8,6		35	89	47	40	10	
DC150-03-08.800D1-	8,8		35	89	47	40	10	
DC150-03-09.000D1-	9		35	89	47	40	10	
DC150-03-10.000D1-	10		35	89	47	40	10	
DC150-03-10.200D1-	10,2		40	102	55	45	12	
DC150-03-10.300D1-	10,3		40	102	55	45	12	
DC150-03-10.500D1-	10,5		40	102	55	45	12	
DC150-03-10.800D1-	10,8		40	102	55	45	12	
DC150-03-11.000D1-	11		40	102	55	45	12	
DC150-03-11.800D1-	11,8		40	102	55	45	12	
DC150-03-12.000D1-	12		40	102	55	45	12	
DC150-03-12.200D1-	12,2		43	107	60	45	14	
DC150-03-12.500D1-	12,5		43	107	60	45	14	
DC150-03-13.000D1-	13		43	107	60	45	14	
DC150-03-14.000D1-	14		43	107	60	45	14	
DC150-03-15.000D1-	15		45	115	65	48	16	
DC150-03-15.500D1-	15,5		45	115	65	48	16	
DC150-03-16.000D1-	16		45	115	65	48	16	
DC150-03-16.500D1-	16,5		51	123	73	48	18	
DC150-03-17.000D1-	17		51	123	73	48	18	
DC150-03-17.500D1-	17,5		51	123	73	48	18	
DC150-03-18.000D1-	18		51	123	73	48	18	
DC150-03-19.000D1-	19		55	131	79	50	20	
DC150-03-20.000D1-	20		55	131	79	50	20	

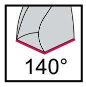
Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

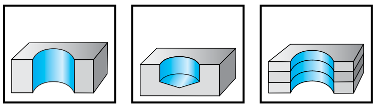
B1

Solid carbide drills with coolant-through
A3289DPL
X·treme Plus

3×D_c	DIN 6537 K

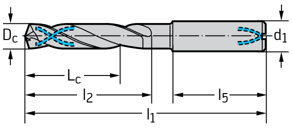






	P	M	K	N	S	H	O
DPL	●●	●●	●●	●●	●●	●●	●

Tool



DIN 6535 HA

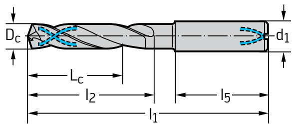
Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A3289DPL-3	3		14	62	20	36	6
A3289DPL-3.1	3,1		14	62	20	36	6
A3289DPL-1/8IN	3,175	1/8"	14	62	20	36	6
A3289DPL-3.2	3,2		14	62	20	36	6
A3289DPL-3.3	3,3		14	62	20	36	6
A3289DPL-3.4	3,4		14	62	20	36	6
A3289DPL-3.5	3,5		14	62	20	36	6
A3289DPL-9/64IN	3,572	9/64"	14	62	20	36	6
A3289DPL-3.6	3,6		14	62	20	36	6
A3289DPL-3.7	3,7		14	62	20	36	6
A3289DPL-3.8	3,8		17	66	24	36	6
A3289DPL-3.9	3,9		17	66	24	36	6
A3289DPL-5/32IN	3,969	5/32"	17	66	24	36	6
A3289DPL-4	4		17	66	24	36	6
A3289DPL-4.1	4,1		17	66	24	36	6
A3289DPL-4.2	4,2		17	66	24	36	6
A3289DPL-4.3	4,3		17	66	24	36	6
A3289DPL-11/64IN	4,366	11/64"	17	66	24	36	6
A3289DPL-4.4	4,4		17	66	24	36	6
A3289DPL-4.5	4,5		17	66	24	36	6
A3289DPL-4.6	4,6		17	66	24	36	6
A3289DPL-4.65	4,65		17	66	24	36	6
A3289DPL-4.7	4,7		17	66	24	36	6
A3289DPL-3/16IN	4,763	3/16"	20	66	28	36	6
A3289DPL-4.8	4,8		20	66	28	36	6
A3289DPL-4.9	4,9		20	66	28	36	6
A3289DPL-5	5		20	66	28	36	6
A3289DPL-5.1	5,1		20	66	28	36	6
A3289DPL-13/64IN	5,159	13/64"	20	66	28	36	6
A3289DPL-5.2	5,2		20	66	28	36	6
A3289DPL-5.3	5,3		20	66	28	36	6
A3289DPL-5.4	5,4		20	66	28	36	6
A3289DPL-5.5	5,5		20	66	28	36	6
A3289DPL-5.55	5,55		20	66	28	36	6
A3289DPL-7/32IN	5,556	7/32"	20	66	28	36	6

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



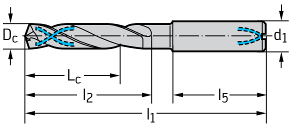
DIN 6535 HA

B1

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A3289DPL-5.6	5,6		20	66	28	36	6
A3289DPL-5.7	5,7		20	66	28	36	6
A3289DPL-5.8	5,8		20	66	28	36	6
A3289DPL-5.9	5,9		20	66	28	36	6
A3289DPL-15/64IN	5,953	15/64"	20	66	28	36	6
A3289DPL-6	6		20	66	28	36	6
A3289DPL-6.1	6,1		24	79	34	36	8
A3289DPL-6.2	6,2		24	79	34	36	8
A3289DPL-6.3	6,3		24	79	34	36	8
A3289DPL-1/4IN	6,35	1/4"	24	79	34	36	8
A3289DPL-6.4	6,4		24	79	34	36	8
A3289DPL-6.5	6,5		24	79	34	36	8
A3289DPL-6.6	6,6		24	79	34	36	8
A3289DPL-6.7	6,7		24	79	34	36	8
A3289DPL-17/64IN	6,747	17/64"	24	79	34	36	8
A3289DPL-6.8	6,8		24	79	34	36	8
A3289DPL-6.9	6,9		24	79	34	36	8
A3289DPL-7	7		24	79	34	36	8
A3289DPL-7.1	7,1		29	79	41	36	8
A3289DPL-9/32IN	7,144	9/32"	29	79	41	36	8
A3289DPL-7.2	7,2		29	79	41	36	8
A3289DPL-7.3	7,3		29	79	41	36	8
A3289DPL-7.4	7,4		29	79	41	36	8
A3289DPL-7.5	7,5		29	79	41	36	8
A3289DPL-19/64IN	7,541	19/64"	29	79	41	36	8
A3289DPL-7.8	7,8		29	79	41	36	8
A3289DPL-7.9	7,9		29	79	41	36	8
A3289DPL-5/16IN	7,938	5/16"	29	79	41	36	8
A3289DPL-8	8		29	79	41	36	8
A3289DPL-8.1	8,1		35	89	47	40	10
A3289DPL-8.2	8,2		35	89	47	40	10
A3289DPL-8.3	8,3		35	89	47	40	10
A3289DPL-21/64IN	8,334	21/64"	35	89	47	40	10
A3289DPL-8.4	8,4		35	89	47	40	10
A3289DPL-8.5	8,5		35	89	47	40	10
A3289DPL-8.6	8,6		35	89	47	40	10
A3289DPL-8.7	8,7		35	89	47	40	10
A3289DPL-11/32IN	8,731	11/32"	35	89	47	40	10
A3289DPL-8.8	8,8		35	89	47	40	10
A3289DPL-9	9		35	89	47	40	10
A3289DPL-23/64IN	9,128	23/64"	35	89	47	40	10
A3289DPL-9.2	9,2		35	89	47	40	10
A3289DPL-9.3	9,3		35	89	47	40	10
A3289DPL-9.5	9,5		35	89	47	40	10
A3289DPL-3/8IN	9,525	3/8"	35	89	47	40	10
A3289DPL-9.6	9,6		35	89	47	40	10
A3289DPL-9.7	9,7		35	89	47	40	10
A3289DPL-9.8	9,8		35	89	47	40	10

B1

Tool



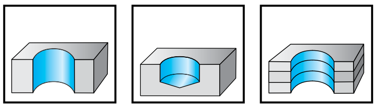
DIN 6535 HA

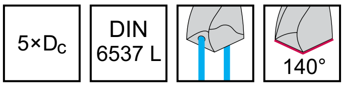
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A3289DPL-25/64IN	9,922	25/64"	35	89	47	40	10
A3289DPL-10	10		35	89	47	40	10
A3289DPL-10.1	10,1		40	102	55	45	12
A3289DPL-10.2	10,2		40	102	55	45	12
A3289DPL-10.3	10,3		40	102	55	45	12
A3289DPL-13/32IN	10,319	13/32"	40	102	55	45	12
A3289DPL-10.4	10,4		40	102	55	45	12
A3289DPL-10.5	10,5		40	102	55	45	12
A3289DPL-27/64IN	10,716	27/64"	40	102	55	45	12
A3289DPL-10.8	10,8		40	102	55	45	12
A3289DPL-11	11		40	102	55	45	12
A3289DPL-11.1	11,1		40	102	55	45	12
A3289DPL-7/16IN	11,113	7/16"	40	102	55	45	12
A3289DPL-11.2	11,2		40	102	55	45	12
A3289DPL-11.5	11,5		40	102	55	45	12
A3289DPL-29/64IN	11,509	29/64"	40	102	55	45	12
A3289DPL-11.7	11,7		40	102	55	45	12
A3289DPL-11.8	11,8		40	102	55	45	12
A3289DPL-15/32IN	11,906	15/32"	40	102	55	45	12
A3289DPL-12	12		40	102	55	45	12
A3289DPL-12.1	12,1		43	107	60	45	14
A3289DPL-12.2	12,2		43	107	60	45	14
A3289DPL-12.3	12,3		43	107	60	45	14
A3289DPL-31/64IN	12,303	31/64"	43	107	60	45	14
A3289DPL-12.5	12,5		43	107	60	45	14
A3289DPL-12.6	12,6		43	107	60	45	14
A3289DPL-1/2IN	12,7	1/2"	43	107	60	45	14
A3289DPL-13	13		43	107	60	45	14
A3289DPL-13.3	13,3		43	107	60	45	14
A3289DPL-17/32IN	13,494	17/32"	43	107	60	45	14
A3289DPL-13.5	13,5		43	107	60	45	14
A3289DPL-14	14		43	107	60	45	14
A3289DPL-9/16IN	14,288	9/16"	45	115	65	48	16
A3289DPL-14.5	14,5		45	115	65	48	16
A3289DPL-15	15		45	115	65	48	16
A3289DPL-15.5	15,5		45	115	65	48	16
A3289DPL-5/8IN	15,875	5/8"	45	115	65	48	16
A3289DPL-16	16		45	115	65	48	16
A3289DPL-16.5	16,5		51	123	73	48	18
A3289DPL-17	17		51	123	73	48	18
A3289DPL-17.5	17,5		51	123	73	48	18
A3289DPL-18	18		51	123	73	48	18
A3289DPL-3/4IN	19,05	3/4"	55	131	79	50	20
A3289DPL-20	20		55	131	79	50	20

WALTER

Solid carbide twist drill
DC175 Supreme

– Walter Precision cooling

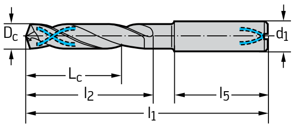




	P	M	K	N	S	H	O
WJ30RZ	●	●●		●	●●		●

B1

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RZ
DC175-05-03.000A1-	3		19	66	24	36	6	😐
DC175-05-03.100A1-	3,1		19	66	24	36	6	😐
DC175-05-03.175A1-	3,175	1/8"	19	66	24	36	6	😐
DC175-05-03.200A1-	3,2		19	66	24	36	6	😐
DC175-05-03.250A1-	3,25		19	66	24	36	6	😐
DC175-05-03.300A1-	3,3		19	66	24	36	6	😐
DC175-05-03.400A1-	3,4		19	66	24	36	6	😐
DC175-05-03.500A1-	3,5		19	66	24	36	6	😐
DC175-05-03.572A1-	3,572	9/64"	19	66	24	36	6	😐
DC175-05-03.600A1-	3,6		19	66	24	36	6	😐
DC175-05-03.700A1-	3,7		19	66	24	36	6	😐
DC175-05-03.800A1-	3,8		29	74	36	36	6	😐
DC175-05-03.900A1-	3,9		29	74	36	36	6	😐
DC175-05-03.969A1-	3,969	5/32"	29	74	36	36	6	😐
DC175-05-04.000A1-	4		29	74	36	36	6	😐
DC175-05-04.100A1-	4,1		29	74	36	36	6	😐
DC175-05-04.200A1-	4,2		29	74	36	36	6	😐
DC175-05-04.300A1-	4,3		29	74	36	36	6	😐
DC175-05-04.366A1-	4,366	11/64"	29	74	36	36	6	😐
DC175-05-04.400A1-	4,4		29	74	36	36	6	😐
DC175-05-04.500A1-	4,5		29	74	36	36	6	😐
DC175-05-04.600A1-	4,6		29	74	36	36	6	😐
DC175-05-04.650A1-	4,65		29	74	36	36	6	😐
DC175-05-04.700A1-	4,7		29	74	36	36	6	😐
DC175-05-04.763A1-	4,763	3/16"	35	82	44	36	6	😐
DC175-05-04.800A1-	4,8		35	82	44	36	6	😐
DC175-05-04.900A1-	4,9		35	82	44	36	6	😐
DC175-05-05.000A1-	5		35	82	44	36	6	😐
DC175-05-05.100A1-	5,1		35	82	44	36	6	😐
DC175-05-05.159A1-	5,159	13/64"	35	82	44	36	6	😐
DC175-05-05.200A1-	5,2		35	82	44	36	6	😐
DC175-05-05.300A1-	5,3		35	82	44	36	6	😐
DC175-05-05.400A1-	5,4		35	82	44	36	6	😐
DC175-05-05.500A1-	5,5		35	82	44	36	6	😐
DC175-05-05.550A1-	5,55		35	82	44	36	6	😐

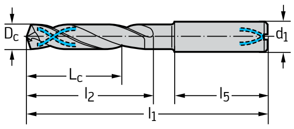
With diameters of 3–3.75, overall length in accordance with DIN 6537 L, flutes shortened compared to DIN 6537 L
Ordering example for the grade WJ30RZ: DC175-05-03.000A1-WJ30RZ

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

B1

Tool

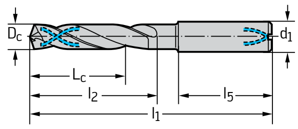


DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RZ
DC175-05-05.556A1-	5,556	7/32"	35	82	44	36	6	
DC175-05-05.600A1-	5,6		35	82	44	36	6	
DC175-05-05.700A1-	5,7		35	82	44	36	6	
DC175-05-05.800A1-	5,8		35	82	44	36	6	
DC175-05-05.900A1-	5,9		35	82	44	36	6	
DC175-05-05.953A1-	5,953	15/64"	35	82	44	36	6	
DC175-05-06.000A1-	6		35	82	44	36	6	
DC175-05-06.100A1-	6,1		43	91	53	36	8	
DC175-05-06.200A1-	6,2		43	91	53	36	8	
DC175-05-06.300A1-	6,3		43	91	53	36	8	
DC175-05-06.350A1-	6,35	1/4"	43	91	53	36	8	
DC175-05-06.400A1-	6,4		43	91	53	36	8	
DC175-05-06.500A1-	6,5		43	91	53	36	8	
DC175-05-06.600A1-	6,6		43	91	53	36	8	
DC175-05-06.700A1-	6,7		43	91	53	36	8	
DC175-05-06.747A1-	6,747	17/64"	43	91	53	36	8	
DC175-05-06.800A1-	6,8		43	91	53	36	8	
DC175-05-06.900A1-	6,9		43	91	53	36	8	
DC175-05-07.000A1-	7		43	91	53	36	8	
DC175-05-07.100A1-	7,1		43	91	53	36	8	
DC175-05-07.144A1-	7,144	9/32"	43	91	53	36	8	
DC175-05-07.200A1-	7,2		43	91	53	36	8	
DC175-05-07.300A1-	7,3		43	91	53	36	8	
DC175-05-07.400A1-	7,4		43	91	53	36	8	
DC175-05-07.500A1-	7,5		43	91	53	36	8	
DC175-05-07.541A1-	7,541	19/64"	43	91	53	36	8	
DC175-05-07.600A1-	7,6		43	91	53	36	8	
DC175-05-07.700A1-	7,7		43	91	53	36	8	
DC175-05-07.800A1-	7,8		43	91	53	36	8	
DC175-05-07.900A1-	7,9		43	91	53	36	8	
DC175-05-07.938A1-	7,938	5/16"	43	91	53	36	8	
DC175-05-08.000A1-	8		43	91	53	36	8	
DC175-05-08.100A1-	8,1		49	103	61	40	10	
DC175-05-08.200A1-	8,2		49	103	61	40	10	
DC175-05-08.300A1-	8,3		49	103	61	40	10	
DC175-05-08.334A1-	8,334	21/64"	49	103	61	40	10	
DC175-05-08.400A1-	8,4		49	103	61	40	10	
DC175-05-08.500A1-	8,5		49	103	61	40	10	
DC175-05-08.600A1-	8,6		49	103	61	40	10	
DC175-05-08.700A1-	8,7		49	103	61	40	10	
DC175-05-08.731A1-	8,731	11/32"	49	103	61	40	10	
DC175-05-08.800A1-	8,8		49	103	61	40	10	
DC175-05-08.900A1-	8,9		49	103	61	40	10	
DC175-05-09.000A1-	9		49	103	61	40	10	
DC175-05-09.100A1-	9,1		49	103	61	40	10	
DC175-05-09.128A1-	9,128	23/64"	49	103	61	40	10	
DC175-05-09.200A1-	9,2		49	103	61	40	10	
DC175-05-09.300A1-	9,3		49	103	61	40	10	

With diameters of 3–3.75, overall length in accordance with DIN 6537 L, flutes shortened compared to DIN 6537 L
Ordering example for the grade WJ30RZ: DC175-05-03.000A1-WJ30RZ

Tool



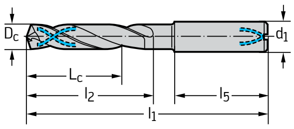
DIN 6535 HA

Designation	D_c m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6	WJ30RZ
DC175-05-09.400A1-	9,4		49	103	61	40	10	
DC175-05-09.500A1-	9,5		49	103	61	40	10	
DC175-05-09.525A1-	9,525	3/8"	49	103	61	40	10	
DC175-05-09.600A1-	9,6		49	103	61	40	10	
DC175-05-09.700A1-	9,7		49	103	61	40	10	
DC175-05-09.800A1-	9,8		49	103	61	40	10	
DC175-05-09.900A1-	9,9		49	103	61	40	10	
DC175-05-09.922A1-	9,922	25/64"	49	103	61	40	10	
DC175-05-10.000A1-	10		49	103	61	40	10	
DC175-05-10.100A1-	10,1		56	118	71	45	12	
DC175-05-10.200A1-	10,2		56	118	71	45	12	
DC175-05-10.300A1-	10,3		56	118	71	45	12	
DC175-05-10.319A1-	10,319	13/32"	56	118	71	45	12	
DC175-05-10.400A1-	10,4		56	118	71	45	12	
DC175-05-10.500A1-	10,5		56	118	71	45	12	
DC175-05-10.600A1-	10,6		56	118	71	45	12	
DC175-05-10.700A1-	10,7		56	118	71	45	12	
DC175-05-10.716A1-	10,716	27/64"	56	118	71	45	12	
DC175-05-10.800A1-	10,8		56	118	71	45	12	
DC175-05-10.900A1-	10,9		56	118	71	45	12	
DC175-05-11.000A1-	11		56	118	71	45	12	
DC175-05-11.100A1-	11,1		56	118	71	45	12	
DC175-05-11.113A1-	11,113	7/16"	56	118	71	45	12	
DC175-05-11.200A1-	11,2		56	118	71	45	12	
DC175-05-11.300A1-	11,3		56	118	71	45	12	
DC175-05-11.400A1-	11,4		56	118	71	45	12	
DC175-05-11.500A1-	11,5		56	118	71	45	12	
DC175-05-11.509A1-	11,509	29/64"	56	118	71	45	12	
DC175-05-11.600A1-	11,6		56	118	71	45	12	
DC175-05-11.700A1-	11,7		56	118	71	45	12	
DC175-05-11.800A1-	11,8		56	118	71	45	12	
DC175-05-11.900A1-	11,9		56	118	71	45	12	
DC175-05-12.000A1-	12		56	118	71	45	12	
DC175-05-12.100A1-	12,1		60	124	77	45	14	
DC175-05-12.200A1-	12,2		60	124	77	45	14	
DC175-05-12.300A1-	12,3		60	124	77	45	14	
DC175-05-12.303A1-	12,303	31/64"	60	124	77	45	14	
DC175-05-12.500A1-	12,5		60	124	77	45	14	
DC175-05-12.600A1-	12,6		60	124	77	45	14	
DC175-05-12.700A1-	12,7	1/2"	60	124	77	45	14	
DC175-05-12.800A1-	12,8		60	124	77	45	14	
DC175-05-13.000A1-	13		60	124	77	45	14	
DC175-05-13.100A1-	13,1		60	124	77	45	14	
DC175-05-13.300A1-	13,3		60	124	77	45	14	
DC175-05-13.494A1-	13,494	17/32"	60	124	77	45	14	
DC175-05-13.500A1-	13,5		60	124	77	45	14	
DC175-05-13.800A1-	13,8		60	124	77	45	14	
DC175-05-14.000A1-	14		60	124	77	45	14	

With diameters of 3–3.75, overall length in accordance with DIN 6537 L, flutes shortened compared to DIN 6537 L
Ordering example for the grade WJ30RZ: DC175-05-03.000A1-WJ30RZ

B1

Tool



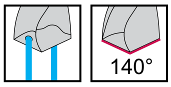
DIN 6535 HA

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RZ
DC175-05-14.200A1-	14,2		63	133	83	48	16	
DC175-05-14.288A1-	14,288	9/16"	63	133	83	48	16	
DC175-05-14.400A1-	14,4		63	133	83	48	16	
DC175-05-14.500A1-	14,5		63	133	83	48	16	
DC175-05-14.800A1-	14,8		63	133	83	48	16	
DC175-05-15.000A1-	15		63	133	83	48	16	
DC175-05-15.100A1-	15,1		63	133	83	48	16	
DC175-05-15.300A1-	15,3		63	133	83	48	16	
DC175-05-15.500A1-	15,5		63	133	83	48	16	
DC175-05-15.800A1-	15,8		63	133	83	48	16	
DC175-05-15.875A1-	15,875	5/8"	63	133	83	48	16	
DC175-05-16.000A1-	16		63	133	83	48	16	
DC175-05-16.500A1-	16,5		71	143	93	48	18	
DC175-05-17.000A1-	17		71	143	93	48	18	
DC175-05-17.500A1-	17,5		71	143	93	48	18	
DC175-05-18.000A1-	18		71	143	93	48	18	
DC175-05-18.500A1-	18,5		77	153	101	50	20	
DC175-05-19.000A1-	19		77	153	101	50	20	
DC175-05-19.500A1-	19,5		77	153	101	50	20	
DC175-05-20.000A1-	20		77	153	101	50	20	

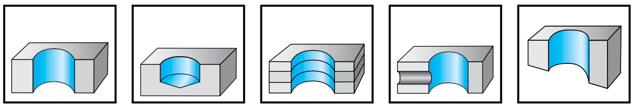
With diameters of 3–3.75, overall length in accordance with DIN 6537 L, flutes shortened compared to DIN 6537 L
Ordering example for the grade WJ30RZ: DC175-05-03.000A1-WJ30RZ

Solid carbide drills with coolant-through
DC170 Supreme

5×Dc | DIN 6537 L



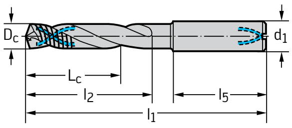
140°



B1

	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30EJ
DC170-05-03.000A1-	3		23	66	28	36	6	☺
DC170-05-03.100A1-	3,1		23	66	28	36	6	☺
DC170-05-03.175A1-	3,175	1/8"	23	66	28	36	6	☺
DC170-05-03.200A1-	3,2		23	66	28	36	6	☺
DC170-05-03.300A1-	3,3		23	66	28	36	6	☺
DC170-05-03.400A1-	3,4		23	66	28	36	6	☺
DC170-05-03.500A1-	3,5		23	66	28	36	6	☺
DC170-05-03.600A1-	3,6		23	66	28	36	6	☺
DC170-05-03.700A1-	3,7		23	66	28	36	6	☺
DC170-05-03.800A1-	3,8		29	74	36	36	6	☺
DC170-05-03.900A1-	3,9		29	74	36	36	6	☺
DC170-05-03.969A1-	3,969	5/32"	29	74	36	36	6	☺
DC170-05-04.000A1-	4		29	74	36	36	6	☺
DC170-05-04.100A1-	4,1		29	74	36	36	6	☺
DC170-05-04.200A1-	4,2		29	74	36	36	6	☺
DC170-05-04.300A1-	4,3		29	74	36	36	6	☺
DC170-05-04.366A1-	4,366	11/64"	29	74	36	36	6	☺
DC170-05-04.400A1-	4,4		29	74	36	36	6	☺
DC170-05-04.500A1-	4,5		29	74	36	36	6	☺
DC170-05-04.600A1-	4,6		29	74	36	36	6	☺
DC170-05-04.650A1-	4,65		29	74	36	36	6	☺
DC170-05-04.700A1-	4,7		29	74	36	36	6	☺
DC170-05-04.763A1-	4,763	3/16"	35	82	44	36	6	☺
DC170-05-04.800A1-	4,8		35	82	44	36	6	☺
DC170-05-04.900A1-	4,9		35	82	44	36	6	☺
DC170-05-05.000A1-	5		35	82	44	36	6	☺
DC170-05-05.100A1-	5,1		35	82	44	36	6	☺
DC170-05-05.159A1-	5,159	13/64"	35	82	44	36	6	☺
DC170-05-05.200A1-	5,2		35	82	44	36	6	☺
DC170-05-05.300A1-	5,3		35	82	44	36	6	☺
DC170-05-05.500A1-	5,5		35	82	44	36	6	☺
DC170-05-05.550A1-	5,55		35	82	44	36	6	☺
DC170-05-05.556A1-	5,556	7/32"	35	82	44	36	6	☺
DC170-05-05.600A1-	5,6		35	82	44	36	6	☺
DC170-05-05.700A1-	5,7		35	82	44	36	6	☺

Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

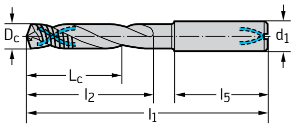
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☺ → Poor = ☺ machining conditions

B1

Tool

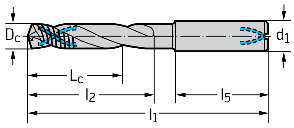


DIN 6535 HA

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-05-05.800A1-	5,8		35	82	44	36	6	
DC170-05-05.900A1-	5,9		35	82	44	36	6	
DC170-05-05.953A1-	5,953	15/64"	35	82	44	36	6	
DC170-05-06.000A1-	6		35	82	44	36	6	
DC170-05-06.100A1-	6,1		43	91	53	36	8	
DC170-05-06.200A1-	6,2		43	91	53	36	8	
DC170-05-06.300A1-	6,3		43	91	53	36	8	
DC170-05-06.350A1-	6,35	1/4"	43	91	53	36	8	
DC170-05-06.400A1-	6,4		43	91	53	36	8	
DC170-05-06.500A1-	6,5		43	91	53	36	8	
DC170-05-06.600A1-	6,6		43	91	53	36	8	
DC170-05-06.700A1-	6,7		43	91	53	36	8	
DC170-05-06.747A1-	6,747	17/64"	43	91	53	36	8	
DC170-05-06.800A1-	6,8		43	91	53	36	8	
DC170-05-06.900A1-	6,9		43	91	53	36	8	
DC170-05-07.000A1-	7		43	91	53	36	8	
DC170-05-07.100A1-	7,1		43	91	53	36	8	
DC170-05-07.144A1-	7,144	9/32"	43	91	53	36	8	
DC170-05-07.200A1-	7,2		43	91	53	36	8	
DC170-05-07.300A1-	7,3		43	91	53	36	8	
DC170-05-07.400A1-	7,4		43	91	53	36	8	
DC170-05-07.500A1-	7,5		43	91	53	36	8	
DC170-05-07.800A1-	7,8		43	91	53	36	8	
DC170-05-07.900A1-	7,9		43	91	53	36	8	
DC170-05-07.938A1-	7,938	5/16"	43	91	53	36	8	
DC170-05-08.000A1-	8		43	91	53	36	8	
DC170-05-08.100A1-	8,1		49	103	61	40	10	
DC170-05-08.200A1-	8,2		49	103	61	40	10	
DC170-05-08.300A1-	8,3		49	103	61	40	10	
DC170-05-08.334A1-	8,334	21/64"	49	103	61	40	10	
DC170-05-08.400A1-	8,4		49	103	61	40	10	
DC170-05-08.500A1-	8,5		49	103	61	40	10	
DC170-05-08.600A1-	8,6		49	103	61	40	10	
DC170-05-08.700A1-	8,7		49	103	61	40	10	
DC170-05-08.731A1-	8,731	11/32"	49	103	61	40	10	
DC170-05-08.800A1-	8,8		49	103	61	40	10	
DC170-05-09.000A1-	9		49	103	61	40	10	
DC170-05-09.128A1-	9,128	23/64"	49	103	61	40	10	
DC170-05-09.200A1-	9,2		49	103	61	40	10	
DC170-05-09.300A1-	9,3		49	103	61	40	10	
DC170-05-09.500A1-	9,5		49	103	61	40	10	
DC170-05-09.525A1-	9,525	3/8"	49	103	61	40	10	
DC170-05-09.600A1-	9,6		49	103	61	40	10	
DC170-05-09.700A1-	9,7		49	103	61	40	10	
DC170-05-09.800A1-	9,8		49	103	61	40	10	
DC170-05-09.900A1-	9,9		49	103	61	40	10	
DC170-05-10.000A1-	10		49	103	61	40	10	
DC170-05-10.100A1-	10,1		56	118	71	45	12	

Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

Tool



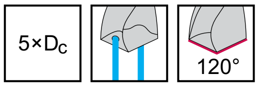
DIN 6535 HA

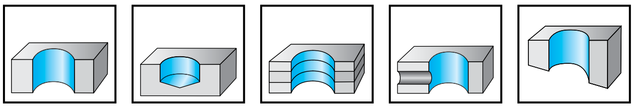
Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30EJ
DC170-05-10.200A1-	10,2		56	118	71	45	12	
DC170-05-10.300A1-	10,3		56	118	71	45	12	
DC170-05-10.319A1-	10,319	13/32"	56	118	71	45	12	
DC170-05-10.400A1-	10,4		56	118	71	45	12	
DC170-05-10.500A1-	10,5		56	118	71	45	12	
DC170-05-10.716A1-	10,716	27/64"	56	118	71	45	12	
DC170-05-10.800A1-	10,8		56	118	71	45	12	
DC170-05-11.000A1-	11		56	118	71	45	12	
DC170-05-11.100A1-	11,1		56	118	71	45	12	
DC170-05-11.113A1-	11,113	7/16"	56	118	71	45	12	
DC170-05-11.200A1-	11,2		56	118	71	45	12	
DC170-05-11.500A1-	11,5		56	118	71	45	12	
DC170-05-11.509A1-	11,509	29/64"	56	118	71	45	12	
DC170-05-11.800A1-	11,8		56	118	71	45	12	
DC170-05-11.906A1-	11,906	15/32"	56	118	71	45	12	
DC170-05-12.000A1-	12		56	118	71	45	12	
DC170-05-12.100A1-	12,1		60	124	77	45	14	
DC170-05-12.200A1-	12,2		60	124	77	45	14	
DC170-05-12.300A1-	12,3		60	124	77	45	14	
DC170-05-12.303A1-	12,303	31/64"	60	124	77	45	14	
DC170-05-12.500A1-	12,5		60	124	77	45	14	
DC170-05-12.700A1-	12,7	1/2"	60	124	77	45	14	
DC170-05-13.000A1-	13		60	124	77	45	14	
DC170-05-13.300A1-	13,3		60	124	77	45	14	
DC170-05-13.494A1-	13,494	17/32"	60	124	77	45	14	
DC170-05-13.500A1-	13,5		60	124	77	45	14	
DC170-05-14.000A1-	14		60	124	77	45	14	
DC170-05-14.288A1-	14,288	9/16"	63	133	83	48	16	
DC170-05-14.500A1-	14,5		63	133	83	48	16	
DC170-05-15.000A1-	15		63	133	83	48	16	
DC170-05-15.500A1-	15,5		63	133	83	48	16	
DC170-05-15.875A1-	15,875	5/8"	63	133	83	48	16	
DC170-05-16.000A1-	16		63	133	83	48	16	
DC170-05-16.500A1-	16,5		71	143	93	48	18	
DC170-05-17.000A1-	17		71	143	93	48	18	
DC170-05-17.500A1-	17,5		71	143	93	48	18	
DC170-05-18.000A1-	18		71	143	93	48	18	
DC170-05-18.500A1-	18,5		77	153	101	50	20	
DC170-05-19.000A1-	19		77	153	101	50	20	
DC170-05-19.050A1-	19,05	3/4"	77	153	101	50	20	
DC170-05-20.000A1-	20		77	153	101	50	20	

Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

B1

Solid carbide drills with coolant-through, straight groove
DC165 Advance

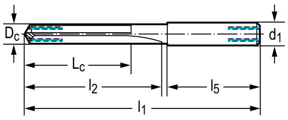




B1

	P	M	K	N	S	H	O
WJ30UU			●●	●●			

Tool



DIN 6535 HA

Designation	k6	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 mm	WJ30UU
DC165-05-04.000A1-	4	16	74	31	36	6	😐
DC165-05-05.000A1-	5	22	82	40	36	6	😐
DC165-05-06.000A1-	6	22	82	40	36	6	😐
DC165-05-08.000A1-	8	29	91	49	36	8	😐
DC165-05-08.500A1-	8,5	37	103	57	40	10	😐
DC165-05-10.000A1-	10	37	103	57	40	10	😐
DC165-05-10.200A1-	10,2	43	118	67	45	12	😐
DC165-05-11.000A1-	11	43	118	67	45	12	😐
DC165-05-12.000A1-	12	43	118	67	45	12	😐
DC165-05-14.000A1-	14	45	124	73	45	14	😐
DC165-05-15.000A1-	15	55	133	79	48	16	😐
DC165-05-16.000A1-	16	55	133	79	48	16	😐

Ordering example for the grade WJ30UU: DC165-05-04.000A1-WJ30UU

WALTER SELECT

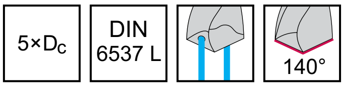
●● Primary application ● Other application

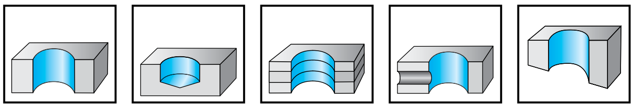
Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

Solid carbide drills with coolant-through

DC160 Advance

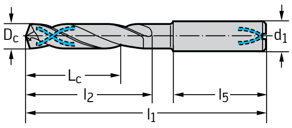
X·treme Evo





	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-03.000A1-	3		23	66	28	36	6	
DC160-05-03.100A1-	3,1		23	66	28	36	6	
DC160-05-03.175A1-	3,175	1/8"	23	66	28	36	6	
DC160-05-03.200A1-	3,2		23	66	28	36	6	
DC160-05-03.250A1-	3,25		23	66	28	36	6	
DC160-05-03.300A1-	3,3		23	66	28	36	6	
DC160-05-03.400A1-	3,4		23	66	28	36	6	
DC160-05-03.500A1-	3,5		23	66	28	36	6	
DC160-05-03.572A1-	3,572	9/64"	23	66	28	36	6	
DC160-05-03.600A1-	3,6		23	66	28	36	6	
DC160-05-03.650A1-	3,65		23	66	28	36	6	
DC160-05-03.700A1-	3,7		23	66	28	36	6	
DC160-05-03.800A1-	3,8		29	74	36	36	6	
DC160-05-03.900A1-	3,9		29	74	36	36	6	
DC160-05-03.969A1-	3,969	5/32"	29	74	36	36	6	
DC160-05-04.000A1-	4		29	74	36	36	6	
DC160-05-04.100A1-	4,1		29	74	36	36	6	
DC160-05-04.200A1-	4,2		29	74	36	36	6	
DC160-05-04.300A1-	4,3		29	74	36	36	6	
DC160-05-04.366A1-	4,366	11/64"	29	74	36	36	6	
DC160-05-04.400A1-	4,4		29	74	36	36	6	
DC160-05-04.500A1-	4,5		29	74	36	36	6	
DC160-05-04.600A1-	4,6		29	74	36	36	6	
DC160-05-04.650A1-	4,65		29	74	36	36	6	
DC160-05-04.700A1-	4,7		29	74	36	36	6	
DC160-05-04.763A1-	4,763	3/16"	35	82	44	36	6	
DC160-05-04.800A1-	4,8		35	82	44	36	6	
DC160-05-04.900A1-	4,9		35	82	44	36	6	
DC160-05-05.000A1-	5		35	82	44	36	6	
DC160-05-05.100A1-	5,1		35	82	44	36	6	
DC160-05-05.159A1-	5,159	13/64"	35	82	44	36	6	
DC160-05-05.200A1-	5,2		35	82	44	36	6	
DC160-05-05.300A1-	5,3		35	82	44	36	6	
DC160-05-05.400A1-	5,4		35	82	44	36	6	
DC160-05-05.500A1-	5,5		35	82	44	36	6	

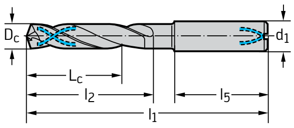
Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

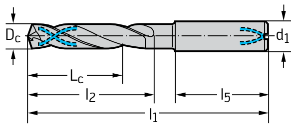


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-05.550A1-	5,55		35	82	44	36	6	
DC160-05-05.556A1-	5,556	7/32"	35	82	44	36	6	
DC160-05-05.600A1-	5,6		35	82	44	36	6	
DC160-05-05.700A1-	5,7		35	82	44	36	6	
DC160-05-05.800A1-	5,8		35	82	44	36	6	
DC160-05-05.900A1-	5,9		35	82	44	36	6	
DC160-05-05.953A1-	5,953	15/64"	35	82	44	36	6	
DC160-05-06.000A1-	6		35	82	44	36	6	
DC160-05-06.100A1-	6,1		43	91	53	36	8	
DC160-05-06.200A1-	6,2		43	91	53	36	8	
DC160-05-06.300A1-	6,3		43	91	53	36	8	
DC160-05-06.350A1-	6,35	1/4"	43	91	53	36	8	
DC160-05-06.400A1-	6,4		43	91	53	36	8	
DC160-05-06.500A1-	6,5		43	91	53	36	8	
DC160-05-06.600A1-	6,6		43	91	53	36	8	
DC160-05-06.700A1-	6,7		43	91	53	36	8	
DC160-05-06.747A1-	6,747	17/64"	43	91	53	36	8	
DC160-05-06.800A1-	6,8		43	91	53	36	8	
DC160-05-06.900A1-	6,9		43	91	53	36	8	
DC160-05-07.000A1-	7		43	91	53	36	8	
DC160-05-07.100A1-	7,1		43	91	53	36	8	
DC160-05-07.144A1-	7,144	9/32"	43	91	53	36	8	
DC160-05-07.200A1-	7,2		43	91	53	36	8	
DC160-05-07.300A1-	7,3		43	91	53	36	8	
DC160-05-07.400A1-	7,4		43	91	53	36	8	
DC160-05-07.500A1-	7,5		43	91	53	36	8	
DC160-05-07.541A1-	7,541	19/64"	43	91	53	36	8	
DC160-05-07.550A1-	7,55		43	91	53	36	8	
DC160-05-07.600A1-	7,6		43	91	53	36	8	
DC160-05-07.700A1-	7,7		43	91	53	36	8	
DC160-05-07.800A1-	7,8		43	91	53	36	8	
DC160-05-07.900A1-	7,9		43	91	53	36	8	
DC160-05-07.938A1-	7,938	5/16"	43	91	53	36	8	
DC160-05-08.000A1-	8		43	91	53	36	8	
DC160-05-08.100A1-	8,1		49	103	61	40	10	
DC160-05-08.200A1-	8,2		49	103	61	40	10	
DC160-05-08.300A1-	8,3		49	103	61	40	10	
DC160-05-08.334A1-	8,334	21/64"	49	103	61	40	10	
DC160-05-08.400A1-	8,4		49	103	61	40	10	
DC160-05-08.500A1-	8,5		49	103	61	40	10	
DC160-05-08.600A1-	8,6		49	103	61	40	10	
DC160-05-08.700A1-	8,7		49	103	61	40	10	
DC160-05-08.731A1-	8,731	11/32"	49	103	61	40	10	
DC160-05-08.800A1-	8,8		49	103	61	40	10	
DC160-05-08.900A1-	8,9		49	103	61	40	10	
DC160-05-09.000A1-	9		49	103	61	40	10	
DC160-05-09.100A1-	9,1		49	103	61	40	10	
DC160-05-09.128A1-	9,128	23/64"	49	103	61	40	10	

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



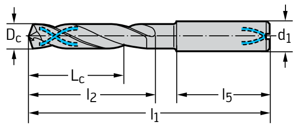
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-09.200A1-	9,2		49	103	61	40	10	●
DC160-05-09.300A1-	9,3		49	103	61	40	10	●
DC160-05-09.400A1-	9,4		49	103	61	40	10	●
DC160-05-09.500A1-	9,5		49	103	61	40	10	●
DC160-05-09.525A1-	9,525	3/8"	49	103	61	40	10	●
DC160-05-09.550A1-	9,55		49	103	61	40	10	●
DC160-05-09.600A1-	9,6		49	103	61	40	10	●
DC160-05-09.700A1-	9,7		49	103	61	40	10	●
DC160-05-09.800A1-	9,8		49	103	61	40	10	●
DC160-05-09.900A1-	9,9		49	103	61	40	10	●
DC160-05-09.922A1-	9,922	25/64"	49	103	61	40	10	●
DC160-05-10.000A1-	10		49	103	61	40	10	●
DC160-05-10.100A1-	10,1		56	118	71	45	12	●
DC160-05-10.200A1-	10,2		56	118	71	45	12	●
DC160-05-10.300A1-	10,3		56	118	71	45	12	●
DC160-05-10.319A1-	10,319	13/32"	56	118	71	45	12	●
DC160-05-10.400A1-	10,4		56	118	71	45	12	●
DC160-05-10.500A1-	10,5		56	118	71	45	12	●
DC160-05-10.600A1-	10,6		56	118	71	45	12	●
DC160-05-10.700A1-	10,7		56	118	71	45	12	●
DC160-05-10.716A1-	10,716	27/64"	56	118	71	45	12	●
DC160-05-10.800A1-	10,8		56	118	71	45	12	●
DC160-05-10.900A1-	10,9		56	118	71	45	12	●
DC160-05-11.000A1-	11		56	118	71	45	12	●
DC160-05-11.100A1-	11,1		56	118	71	45	12	●
DC160-05-11.113A1-	11,113	7/16"	56	118	71	45	12	●
DC160-05-11.200A1-	11,2		56	118	71	45	12	●
DC160-05-11.300A1-	11,3		56	118	71	45	12	●
DC160-05-11.400A1-	11,4		56	118	71	45	12	●
DC160-05-11.500A1-	11,5		56	118	71	45	12	●
DC160-05-11.509A1-	11,509	29/64"	56	118	71	45	12	●
DC160-05-11.550A1-	11,55		56	118	71	45	12	●
DC160-05-11.600A1-	11,6		56	118	71	45	12	●
DC160-05-11.700A1-	11,7		56	118	71	45	12	●
DC160-05-11.800A1-	11,8		56	118	71	45	12	●
DC160-05-11.900A1-	11,9		56	118	71	45	12	●
DC160-05-11.906A1-	11,906	15/32"	56	118	71	45	12	●
DC160-05-12.000A1-	12		56	118	71	45	12	●
DC160-05-12.100A1-	12,1		60	124	77	45	14	●
DC160-05-12.200A1-	12,2		60	124	77	45	14	●
DC160-05-12.250A1-	12,25		60	124	77	45	14	●
DC160-05-12.300A1-	12,3		60	124	77	45	14	●
DC160-05-12.303A1-	12,303	31/64"	60	124	77	45	14	●
DC160-05-12.400A1-	12,4		60	124	77	45	14	●
DC160-05-12.500A1-	12,5		60	124	77	45	14	●
DC160-05-12.600A1-	12,6		60	124	77	45	14	●
DC160-05-12.700A1-	12,7	1/2"	60	124	77	45	14	●
DC160-05-12.750A1-	12,75		60	124	77	45	14	●

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

B1

Tool



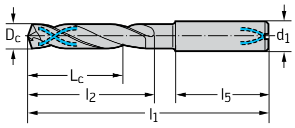
DIN 6535 HA

B1

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-12.800A1-	12,8		60	124	77	45	14	
DC160-05-12.900A1-	12,9		60	124	77	45	14	
DC160-05-13.000A1-	13		60	124	77	45	14	
DC160-05-13.100A1-	13,1		60	124	77	45	14	
DC160-05-13.200A1-	13,2		60	124	77	45	14	
DC160-05-13.300A1-	13,3		60	124	77	45	14	
DC160-05-13.400A1-	13,4		60	124	77	45	14	
DC160-05-13.494A1-	13,494	17/32"	60	124	77	45	14	
DC160-05-13.500A1-	13,5		60	124	77	45	14	
DC160-05-13.600A1-	13,6		60	124	77	45	14	
DC160-05-13.700A1-	13,7		60	124	77	45	14	
DC160-05-13.800A1-	13,8		60	124	77	45	14	
DC160-05-13.900A1-	13,9		60	124	77	45	14	
DC160-05-14.000A1-	14		60	124	77	45	14	
DC160-05-14.100A1-	14,1		63	133	83	48	16	
DC160-05-14.200A1-	14,2		63	133	83	48	16	
DC160-05-14.288A1-	14,288	9/16"	63	133	83	48	16	
DC160-05-14.300A1-	14,3		63	133	83	48	16	
DC160-05-14.400A1-	14,4		63	133	83	48	16	
DC160-05-14.500A1-	14,5		63	133	83	48	16	
DC160-05-14.600A1-	14,6		63	133	83	48	16	
DC160-05-14.700A1-	14,7		63	133	83	48	16	
DC160-05-14.750A1-	14,75		63	133	83	48	16	
DC160-05-14.800A1-	14,8		63	133	83	48	16	
DC160-05-14.900A1-	14,9		63	133	83	48	16	
DC160-05-15.000A1-	15		63	133	83	48	16	
DC160-05-15.100A1-	15,1		63	133	83	48	16	
DC160-05-15.200A1-	15,2		63	133	83	48	16	
DC160-05-15.300A1-	15,3		63	133	83	48	16	
DC160-05-15.400A1-	15,4		63	133	83	48	16	
DC160-05-15.500A1-	15,5		63	133	83	48	16	
DC160-05-15.600A1-	15,6		63	133	83	48	16	
DC160-05-15.700A1-	15,7		63	133	83	48	16	
DC160-05-15.800A1-	15,8		63	133	83	48	16	
DC160-05-15.875A1-	15,875	5/8"	63	133	83	48	16	
DC160-05-15.900A1-	15,9		63	133	83	48	16	
DC160-05-16.000A1-	16		63	133	83	48	16	
DC160-05-16.100A1-	16,1		71	143	93	48	18	
DC160-05-16.200A1-	16,2		71	143	93	48	18	
DC160-05-16.300A1-	16,3		71	143	93	48	18	
DC160-05-16.400A1-	16,4		71	143	93	48	18	
DC160-05-16.500A1-	16,5		71	143	93	48	18	
DC160-05-16.600A1-	16,6		71	143	93	48	18	
DC160-05-16.700A1-	16,7		71	143	93	48	18	
DC160-05-16.750A1-	16,75		71	143	93	48	18	
DC160-05-16.800A1-	16,8		71	143	93	48	18	
DC160-05-16.900A1-	16,9		71	143	93	48	18	
DC160-05-17.000A1-	17		71	143	93	48	18	

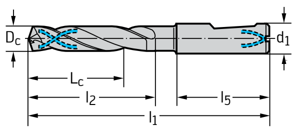
Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



DIN 6535 HA

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-17.100A1-	17,1		71	143	93	48	18	●
DC160-05-17.200A1-	17,2		71	143	93	48	18	●
DC160-05-17.300A1-	17,3		71	143	93	48	18	●
DC160-05-17.400A1-	17,4		71	143	93	48	18	●
DC160-05-17.500A1-	17,5		71	143	93	48	18	●
DC160-05-17.600A1-	17,6		71	143	93	48	18	●
DC160-05-17.700A1-	17,7		71	143	93	48	18	●
DC160-05-17.800A1-	17,8		71	143	93	48	18	●
DC160-05-17.900A1-	17,9		71	143	93	48	18	●
DC160-05-18.000A1-	18		71	143	93	48	18	●
DC160-05-18.100A1-	18,1		77	153	101	50	20	●
DC160-05-18.200A1-	18,2		77	153	101	50	20	●
DC160-05-18.300A1-	18,3		77	153	101	50	20	●
DC160-05-18.400A1-	18,4		77	153	101	50	20	●
DC160-05-18.500A1-	18,5		77	153	101	50	20	●
DC160-05-18.600A1-	18,6		77	153	101	50	20	●
DC160-05-18.700A1-	18,7		77	153	101	50	20	●
DC160-05-18.800A1-	18,8		77	153	101	50	20	●
DC160-05-18.900A1-	18,9		77	153	101	50	20	●
DC160-05-19.000A1-	19		77	153	101	50	20	●
DC160-05-19.050A1-	19,05	3/4"	77	153	101	50	20	●
DC160-05-19.100A1-	19,1		77	153	101	50	20	●
DC160-05-19.200A1-	19,2		77	153	101	50	20	●
DC160-05-19.300A1-	19,3		77	153	101	50	20	●
DC160-05-19.400A1-	19,4		77	153	101	50	20	●
DC160-05-19.500A1-	19,5		77	153	101	50	20	●
DC160-05-19.600A1-	19,6		77	153	101	50	20	●
DC160-05-19.700A1-	19,7		77	153	101	50	20	●
DC160-05-19.800A1-	19,8		77	153	101	50	20	●
DC160-05-19.900A1-	19,9		77	153	101	50	20	●
DC160-05-20.000A1-	20		77	153	101	50	20	●
DC160-05-20.500A1-	20,5		86	166	108	56	25	●
DC160-05-21.000A1-	21		86	166	108	56	25	●
DC160-05-21.500A1-	21,5		86	166	108	56	25	●
DC160-05-22.000A1-	22		86	166	108	56	25	●
DC160-05-22.500A1-	22,5		91	173	115	56	25	●
DC160-05-23.000A1-	23		91	173	115	56	25	●
DC160-05-23.500A1-	23,5		91	173	115	56	25	●
DC160-05-24.000A1-	24		91	173	115	56	25	●
DC160-05-24.500A1-	24,5		97	180	122	56	25	●
DC160-05-25.000A1-	25		97	180	122	56	25	●

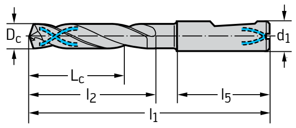


DIN 6535 HE

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-03.000F1-	3		23	66	28	36	6	●
DC160-05-03.100F1-	3,1		23	66	28	36	6	●
DC160-05-03.200F1-	3,2		23	66	28	36	6	●
DC160-05-03.250F1-	3,25		23	66	28	36	6	●
DC160-05-03.300F1-	3,3		23	66	28	36	6	●
DC160-05-03.400F1-	3,4		23	66	28	36	6	●
DC160-05-03.500F1-	3,5		23	66	28	36	6	●

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



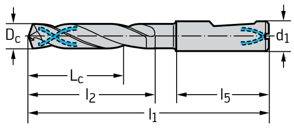
DIN 6535 HE

B1

Designation	m7	D_{c} Inch/Nr	L_{c} mm	l_{1} mm	l_{2} mm	l_{5} mm	h6	WJ30ET
DC160-05-03.600F1-	3,6		23	66	28	36	6	
DC160-05-03.650F1-	3,65		23	66	28	36	6	
DC160-05-03.700F1-	3,7		23	66	28	36	6	
DC160-05-03.800F1-	3,8		29	74	36	36	6	
DC160-05-03.900F1-	3,9		29	74	36	36	6	
DC160-05-04.000F1-	4		29	74	36	36	6	
DC160-05-04.100F1-	4,1		29	74	36	36	6	
DC160-05-04.200F1-	4,2		29	74	36	36	6	
DC160-05-04.300F1-	4,3		29	74	36	36	6	
DC160-05-04.400F1-	4,4		29	74	36	36	6	
DC160-05-04.500F1-	4,5		29	74	36	36	6	
DC160-05-04.600F1-	4,6		29	74	36	36	6	
DC160-05-04.650F1-	4,65		29	74	36	36	6	
DC160-05-04.700F1-	4,7		29	74	36	36	6	
DC160-05-04.800F1-	4,8		35	82	44	36	6	
DC160-05-04.900F1-	4,9		35	82	44	36	6	
DC160-05-05.000F1-	5		35	82	44	36	6	
DC160-05-05.100F1-	5,1		35	82	44	36	6	
DC160-05-05.200F1-	5,2		35	82	44	36	6	
DC160-05-05.300F1-	5,3		35	82	44	36	6	
DC160-05-05.400F1-	5,4		35	82	44	36	6	
DC160-05-05.500F1-	5,5		35	82	44	36	6	
DC160-05-05.550F1-	5,55		35	82	44	36	6	
DC160-05-05.600F1-	5,6		35	82	44	36	6	
DC160-05-05.700F1-	5,7		35	82	44	36	6	
DC160-05-05.800F1-	5,8		35	82	44	36	6	
DC160-05-05.900F1-	5,9		35	82	44	36	6	
DC160-05-06.000F1-	6		35	82	44	36	6	
DC160-05-06.100F1-	6,1		43	91	53	36	8	
DC160-05-06.200F1-	6,2		43	91	53	36	8	
DC160-05-06.300F1-	6,3		43	91	53	36	8	
DC160-05-06.400F1-	6,4		43	91	53	36	8	
DC160-05-06.500F1-	6,5		43	91	53	36	8	
DC160-05-06.600F1-	6,6		43	91	53	36	8	
DC160-05-06.700F1-	6,7		43	91	53	36	8	
DC160-05-06.800F1-	6,8		43	91	53	36	8	
DC160-05-06.900F1-	6,9		43	91	53	36	8	
DC160-05-07.000F1-	7		43	91	53	36	8	
DC160-05-07.100F1-	7,1		43	91	53	36	8	
DC160-05-07.200F1-	7,2		43	91	53	36	8	
DC160-05-07.300F1-	7,3		43	91	53	36	8	
DC160-05-07.400F1-	7,4		43	91	53	36	8	
DC160-05-07.500F1-	7,5		43	91	53	36	8	
DC160-05-07.550F1-	7,55		43	91	53	36	8	
DC160-05-07.600F1-	7,6		43	91	53	36	8	
DC160-05-07.700F1-	7,7		43	91	53	36	8	
DC160-05-07.800F1-	7,8		43	91	53	36	8	
DC160-05-07.900F1-	7,9		43	91	53	36	8	

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



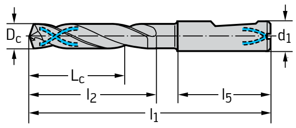
DIN 6535 HE

Designation	m7	Dc Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-08.000F1-	8		43	91	53	36	8	
DC160-05-08.100F1-	8,1		49	103	61	40	10	
DC160-05-08.200F1-	8,2		49	103	61	40	10	
DC160-05-08.300F1-	8,3		49	103	61	40	10	
DC160-05-08.400F1-	8,4		49	103	61	40	10	
DC160-05-08.500F1-	8,5		49	103	61	40	10	
DC160-05-08.600F1-	8,6		49	103	61	40	10	
DC160-05-08.700F1-	8,7		49	103	61	40	10	
DC160-05-08.800F1-	8,8		49	103	61	40	10	
DC160-05-08.900F1-	8,9		49	103	61	40	10	
DC160-05-09.000F1-	9		49	103	61	40	10	
DC160-05-09.100F1-	9,1		49	103	61	40	10	
DC160-05-09.200F1-	9,2		49	103	61	40	10	
DC160-05-09.300F1-	9,3		49	103	61	40	10	
DC160-05-09.400F1-	9,4		49	103	61	40	10	
DC160-05-09.500F1-	9,5		49	103	61	40	10	
DC160-05-09.550F1-	9,55		49	103	61	40	10	
DC160-05-09.600F1-	9,6		49	103	61	40	10	
DC160-05-09.700F1-	9,7		49	103	61	40	10	
DC160-05-09.800F1-	9,8		49	103	61	40	10	
DC160-05-09.900F1-	9,9		49	103	61	40	10	
DC160-05-10.000F1-	10		49	103	61	40	10	
DC160-05-10.100F1-	10,1		56	118	71	45	12	
DC160-05-10.200F1-	10,2		56	118	71	45	12	
DC160-05-10.300F1-	10,3		56	118	71	45	12	
DC160-05-10.400F1-	10,4		56	118	71	45	12	
DC160-05-10.500F1-	10,5		56	118	71	45	12	
DC160-05-10.600F1-	10,6		56	118	71	45	12	
DC160-05-10.700F1-	10,7		56	118	71	45	12	
DC160-05-10.800F1-	10,8		56	118	71	45	12	
DC160-05-10.900F1-	10,9		56	118	71	45	12	
DC160-05-11.000F1-	11		56	118	71	45	12	
DC160-05-11.100F1-	11,1		56	118	71	45	12	
DC160-05-11.200F1-	11,2		56	118	71	45	12	
DC160-05-11.300F1-	11,3		56	118	71	45	12	
DC160-05-11.400F1-	11,4		56	118	71	45	12	
DC160-05-11.500F1-	11,5		56	118	71	45	12	
DC160-05-11.550F1-	11,55		56	118	71	45	12	
DC160-05-11.600F1-	11,6		56	118	71	45	12	
DC160-05-11.700F1-	11,7		56	118	71	45	12	
DC160-05-11.800F1-	11,8		56	118	71	45	12	
DC160-05-11.900F1-	11,9		56	118	71	45	12	
DC160-05-12.000F1-	12		56	118	71	45	12	
DC160-05-12.100F1-	12,1		60	124	77	45	14	
DC160-05-12.200F1-	12,2		60	124	77	45	14	
DC160-05-12.250F1-	12,25		60	124	77	45	14	
DC160-05-12.300F1-	12,3		60	124	77	45	14	
DC160-05-12.400F1-	12,4		60	124	77	45	14	

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

B1

Tool



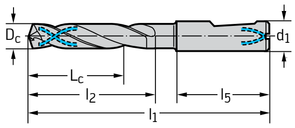
DIN 6535 HE

B1

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-12.500F1-	12,5		60	124	77	45	14	
DC160-05-12.600F1-	12,6		60	124	77	45	14	
DC160-05-12.700F1-	12,7	1/2"	60	124	77	45	14	
DC160-05-12.750F1-	12,75		60	124	77	45	14	
DC160-05-12.800F1-	12,8		60	124	77	45	14	
DC160-05-12.900F1-	12,9		60	124	77	45	14	
DC160-05-13.000F1-	13		60	124	77	45	14	
DC160-05-13.100F1-	13,1		60	124	77	45	14	
DC160-05-13.200F1-	13,2		60	124	77	45	14	
DC160-05-13.300F1-	13,3		60	124	77	45	14	
DC160-05-13.400F1-	13,4		60	124	77	45	14	
DC160-05-13.500F1-	13,5		60	124	77	45	14	
DC160-05-13.600F1-	13,6		60	124	77	45	14	
DC160-05-13.700F1-	13,7		60	124	77	45	14	
DC160-05-13.800F1-	13,8		60	124	77	45	14	
DC160-05-13.900F1-	13,9		60	124	77	45	14	
DC160-05-14.000F1-	14		60	124	77	45	14	
DC160-05-14.100F1-	14,1		63	133	83	48	16	
DC160-05-14.200F1-	14,2		63	133	83	48	16	
DC160-05-14.300F1-	14,3		63	133	83	48	16	
DC160-05-14.400F1-	14,4		63	133	83	48	16	
DC160-05-14.500F1-	14,5		63	133	83	48	16	
DC160-05-14.600F1-	14,6		63	133	83	48	16	
DC160-05-14.700F1-	14,7		63	133	83	48	16	
DC160-05-14.750F1-	14,75		63	133	83	48	16	
DC160-05-14.800F1-	14,8		63	133	83	48	16	
DC160-05-14.900F1-	14,9		63	133	83	48	16	
DC160-05-15.000F1-	15		63	133	83	48	16	
DC160-05-15.100F1-	15,1		63	133	83	48	16	
DC160-05-15.200F1-	15,2		63	133	83	48	16	
DC160-05-15.300F1-	15,3		63	133	83	48	16	
DC160-05-15.400F1-	15,4		63	133	83	48	16	
DC160-05-15.500F1-	15,5		63	133	83	48	16	
DC160-05-15.600F1-	15,6		63	133	83	48	16	
DC160-05-15.700F1-	15,7		63	133	83	48	16	
DC160-05-15.800F1-	15,8		63	133	83	48	16	
DC160-05-15.900F1-	15,9		63	133	83	48	16	
DC160-05-16.000F1-	16		63	133	83	48	16	
DC160-05-16.100F1-	16,1		71	143	93	48	18	
DC160-05-16.200F1-	16,2		71	143	93	48	18	
DC160-05-16.300F1-	16,3		71	143	93	48	18	
DC160-05-16.400F1-	16,4		71	143	93	48	18	
DC160-05-16.500F1-	16,5		71	143	93	48	18	
DC160-05-16.600F1-	16,6		71	143	93	48	18	
DC160-05-16.700F1-	16,7		71	143	93	48	18	
DC160-05-16.750F1-	16,75		71	143	93	48	18	
DC160-05-16.800F1-	16,8		71	143	93	48	18	
DC160-05-16.900F1-	16,9		71	143	93	48	18	

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



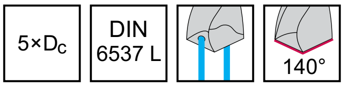
DIN 6535 HE

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-17.000F1-	17		71	143	93	48	18	
DC160-05-17.100F1-	17,1		71	143	93	48	18	
DC160-05-17.200F1-	17,2		71	143	93	48	18	
DC160-05-17.300F1-	17,3		71	143	93	48	18	
DC160-05-17.400F1-	17,4		71	143	93	48	18	
DC160-05-17.500F1-	17,5		71	143	93	48	18	
DC160-05-17.600F1-	17,6		71	143	93	48	18	
DC160-05-17.700F1-	17,7		71	143	93	48	18	
DC160-05-17.800F1-	17,8		71	143	93	48	18	
DC160-05-17.900F1-	17,9		71	143	93	48	18	
DC160-05-18.000F1-	18		71	143	93	48	18	
DC160-05-18.100F1-	18,1		77	153	101	50	20	
DC160-05-18.200F1-	18,2		77	153	101	50	20	
DC160-05-18.300F1-	18,3		77	153	101	50	20	
DC160-05-18.400F1-	18,4		77	153	101	50	20	
DC160-05-18.500F1-	18,5		77	153	101	50	20	
DC160-05-18.600F1-	18,6		77	153	101	50	20	
DC160-05-18.700F1-	18,7		77	153	101	50	20	
DC160-05-18.800F1-	18,8		77	153	101	50	20	
DC160-05-18.900F1-	18,9		77	153	101	50	20	
DC160-05-19.000F1-	19		77	153	101	50	20	
DC160-05-19.100F1-	19,1		77	153	101	50	20	
DC160-05-19.200F1-	19,2		77	153	101	50	20	
DC160-05-19.300F1-	19,3		77	153	101	50	20	
DC160-05-19.400F1-	19,4		77	153	101	50	20	
DC160-05-19.500F1-	19,5		77	153	101	50	20	
DC160-05-19.600F1-	19,6		77	153	101	50	20	
DC160-05-19.700F1-	19,7		77	153	101	50	20	
DC160-05-19.800F1-	19,8		77	153	101	50	20	
DC160-05-19.900F1-	19,9		77	153	101	50	20	
DC160-05-20.000F1-	20		77	153	101	50	20	
DC160-05-20.500F1-	20,5		86	166	108	56	25	
DC160-05-21.000F1-	21		86	166	108	56	25	
DC160-05-21.500F1-	21,5		86	166	108	56	25	
DC160-05-22.000F1-	22		86	166	108	56	25	
DC160-05-22.500F1-	22,5		91	173	115	56	25	
DC160-05-23.000F1-	23		91	173	115	56	25	
DC160-05-23.500F1-	23,5		91	173	115	56	25	
DC160-05-24.000F1-	24		91	173	115	56	25	
DC160-05-24.500F1-	24,5		97	180	122	56	25	
DC160-05-25.000F1-	25		97	180	122	56	25	

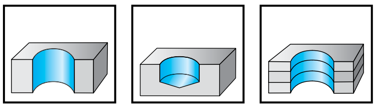
Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Solid carbide drills with coolant-through

DC150 Perform

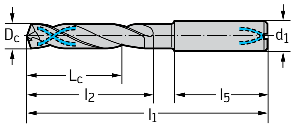


B1



	P	M	K	N	S	H	O
WJ30RE	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-05-03.000A1-	3		23	66	28	36	6	😐
DC150-05-03.100A1-	3,1		23	66	28	36	6	😐
DC150-05-03.175A1-	3,175	1/8"	23	66	28	36	6	😐
DC150-05-03.200A1-	3,2		23	66	28	36	6	😐
DC150-05-03.250A1-	3,25		23	66	28	36	6	😐
DC150-05-03.300A1-	3,3		23	66	28	36	6	😐
DC150-05-03.400A1-	3,4		23	66	28	36	6	😐
DC150-05-03.500A1-	3,5		23	66	28	36	6	😐
DC150-05-03.572A1-	3,572	9/64"	23	66	28	36	6	😐
DC150-05-03.600A1-	3,6		23	66	28	36	6	😐
DC150-05-03.650A1-	3,65		23	66	28	36	6	😐
DC150-05-03.700A1-	3,7		23	66	28	36	6	😐
DC150-05-03.800A1-	3,8		29	74	36	36	6	😐
DC150-05-03.900A1-	3,9		29	74	36	36	6	😐
DC150-05-03.969A1-	3,969	5/32"	29	74	36	36	6	😐
DC150-05-04.000A1-	4		29	74	36	36	6	😐
DC150-05-04.100A1-	4,1		29	74	36	36	6	😐
DC150-05-04.200A1-	4,2		29	74	36	36	6	😐
DC150-05-04.300A1-	4,3		29	74	36	36	6	😐
DC150-05-04.366A1-	4,366	11/64"	29	74	36	36	6	😐
DC150-05-04.400A1-	4,4		29	74	36	36	6	😐
DC150-05-04.500A1-	4,5		29	74	36	36	6	😐
DC150-05-04.600A1-	4,6		29	74	36	36	6	😐
DC150-05-04.650A1-	4,65		29	74	36	36	6	😐
DC150-05-04.700A1-	4,7		29	74	36	36	6	😐
DC150-05-04.763A1-	4,763	3/16"	35	82	44	36	6	😐
DC150-05-04.800A1-	4,8		35	82	44	36	6	😐
DC150-05-04.900A1-	4,9		35	82	44	36	6	😐
DC150-05-05.000A1-	5		35	82	44	36	6	😐
DC150-05-05.100A1-	5,1		35	82	44	36	6	😐
DC150-05-05.159A1-	5,159	13/64"	35	82	44	36	6	😐
DC150-05-05.200A1-	5,2		35	82	44	36	6	😐
DC150-05-05.300A1-	5,3		35	82	44	36	6	😐
DC150-05-05.400A1-	5,4		35	82	44	36	6	😐
DC150-05-05.500A1-	5,5		35	82	44	36	6	😐

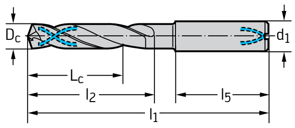
Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

Tool



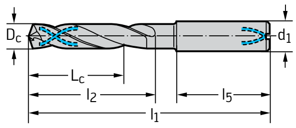
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-05-05.550A1-	5,55		35	82	44	36	6	
DC150-05-05.556A1-	5,556	7/32"	35	82	44	36	6	
DC150-05-05.600A1-	5,6		35	82	44	36	6	
DC150-05-05.700A1-	5,7		35	82	44	36	6	
DC150-05-05.800A1-	5,8		35	82	44	36	6	
DC150-05-05.900A1-	5,9		35	82	44	36	6	
DC150-05-05.953A1-	5,953	15/64"	35	82	44	36	6	
DC150-05-06.000A1-	6		35	82	44	36	6	
DC150-05-06.100A1-	6,1		43	91	53	36	8	
DC150-05-06.200A1-	6,2		43	91	53	36	8	
DC150-05-06.300A1-	6,3		43	91	53	36	8	
DC150-05-06.350A1-	6,35	1/4"	43	91	53	36	8	
DC150-05-06.400A1-	6,4		43	91	53	36	8	
DC150-05-06.500A1-	6,5		43	91	53	36	8	
DC150-05-06.600A1-	6,6		43	91	53	36	8	
DC150-05-06.700A1-	6,7		43	91	53	36	8	
DC150-05-06.747A1-	6,747	17/64"	43	91	53	36	8	
DC150-05-06.800A1-	6,8		43	91	53	36	8	
DC150-05-06.900A1-	6,9		43	91	53	36	8	
DC150-05-07.000A1-	7		43	91	53	36	8	
DC150-05-07.100A1-	7,1		43	91	53	36	8	
DC150-05-07.144A1-	7,144	9/32"	43	91	53	36	8	
DC150-05-07.200A1-	7,2		43	91	53	36	8	
DC150-05-07.300A1-	7,3		43	91	53	36	8	
DC150-05-07.400A1-	7,4		43	91	53	36	8	
DC150-05-07.500A1-	7,5		43	91	53	36	8	
DC150-05-07.541A1-	7,541	19/64"	43	91	53	36	8	
DC150-05-07.550A1-	7,55		43	91	53	36	8	
DC150-05-07.600A1-	7,6		43	91	53	36	8	
DC150-05-07.700A1-	7,7		43	91	53	36	8	
DC150-05-07.800A1-	7,8		43	91	53	36	8	
DC150-05-07.900A1-	7,9		43	91	53	36	8	
DC150-05-07.938A1-	7,938	5/16"	43	91	53	36	8	
DC150-05-08.000A1-	8		43	91	53	36	8	
DC150-05-08.100A1-	8,1		49	103	61	40	10	
DC150-05-08.200A1-	8,2		49	103	61	40	10	
DC150-05-08.300A1-	8,3		49	103	61	40	10	
DC150-05-08.334A1-	8,334	21/64"	49	103	61	40	10	
DC150-05-08.400A1-	8,4		49	103	61	40	10	
DC150-05-08.500A1-	8,5		49	103	61	40	10	
DC150-05-08.600A1-	8,6		49	103	61	40	10	
DC150-05-08.700A1-	8,7		49	103	61	40	10	
DC150-05-08.731A1-	8,731	11/32"	49	103	61	40	10	
DC150-05-08.800A1-	8,8		49	103	61	40	10	
DC150-05-08.900A1-	8,9		49	103	61	40	10	
DC150-05-09.000A1-	9		49	103	61	40	10	
DC150-05-09.100A1-	9,1		49	103	61	40	10	
DC150-05-09.128A1-	9,128	23/64"	49	103	61	40	10	

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

B1

Tool

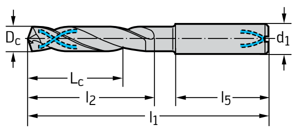


DIN 6535 HA

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-05-09.200A1-	9,2		49	103	61	40	10	
DC150-05-09.300A1-	9,3		49	103	61	40	10	
DC150-05-09.400A1-	9,4		49	103	61	40	10	
DC150-05-09.500A1-	9,5		49	103	61	40	10	
DC150-05-09.525A1-	9,525	3/8"	49	103	61	40	10	
DC150-05-09.550A1-	9,55		49	103	61	40	10	
DC150-05-09.600A1-	9,6		49	103	61	40	10	
DC150-05-09.700A1-	9,7		49	103	61	40	10	
DC150-05-09.800A1-	9,8		49	103	61	40	10	
DC150-05-09.900A1-	9,9		49	103	61	40	10	
DC150-05-09.922A1-	9,922	25/64"	49	103	61	40	10	
DC150-05-10.000A1-	10		49	103	61	40	10	
DC150-05-10.100A1-	10,1		56	118	71	45	12	
DC150-05-10.200A1-	10,2		56	118	71	45	12	
DC150-05-10.300A1-	10,3		56	118	71	45	12	
DC150-05-10.319A1-	10,319	13/32"	56	118	71	45	12	
DC150-05-10.400A1-	10,4		56	118	71	45	12	
DC150-05-10.500A1-	10,5		56	118	71	45	12	
DC150-05-10.600A1-	10,6		56	118	71	45	12	
DC150-05-10.700A1-	10,7		56	118	71	45	12	
DC150-05-10.716A1-	10,716	27/64"	56	118	71	45	12	
DC150-05-10.800A1-	10,8		56	118	71	45	12	
DC150-05-10.900A1-	10,9		56	118	71	45	12	
DC150-05-11.000A1-	11		56	118	71	45	12	
DC150-05-11.100A1-	11,1		56	118	71	45	12	
DC150-05-11.113A1-	11,113	7/16"	56	118	71	45	12	
DC150-05-11.200A1-	11,2		56	118	71	45	12	
DC150-05-11.300A1-	11,3		56	118	71	45	12	
DC150-05-11.400A1-	11,4		56	118	71	45	12	
DC150-05-11.500A1-	11,5		56	118	71	45	12	
DC150-05-11.509A1-	11,509	29/64"	56	118	71	45	12	
DC150-05-11.600A1-	11,6		56	118	71	45	12	
DC150-05-11.700A1-	11,7		56	118	71	45	12	
DC150-05-11.800A1-	11,8		56	118	71	45	12	
DC150-05-11.900A1-	11,9		56	118	71	45	12	
DC150-05-11.906A1-	11,906	15/32"	56	118	71	45	12	
DC150-05-12.000A1-	12		56	118	71	45	12	
DC150-05-12.100A1-	12,1		60	124	77	45	14	
DC150-05-12.200A1-	12,2		60	124	77	45	14	
DC150-05-12.250A1-	12,25		60	124	77	45	14	
DC150-05-12.300A1-	12,3		60	124	77	45	14	
DC150-05-12.303A1-	12,303	31/64"	60	124	77	45	14	
DC150-05-12.400A1-	12,4		60	124	77	45	14	
DC150-05-12.500A1-	12,5		60	124	77	45	14	
DC150-05-12.600A1-	12,6		60	124	77	45	14	
DC150-05-12.700A1-	12,7	1/2"	60	124	77	45	14	
DC150-05-12.800A1-	12,8		60	124	77	45	14	
DC150-05-12.900A1-	12,9		60	124	77	45	14	

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Tool

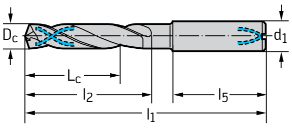


DIN 6535 HA

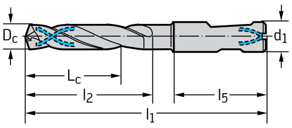
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-05-13.000A1-	13		60	124	77	45	14	●
DC150-05-13.100A1-	13,1		60	124	77	45	14	●
DC150-05-13.200A1-	13,2		60	124	77	45	14	●
DC150-05-13.300A1-	13,3		60	124	77	45	14	●
DC150-05-13.400A1-	13,4		60	124	77	45	14	●
DC150-05-13.494A1-	13,494	17/32"	60	124	77	45	14	●
DC150-05-13.500A1-	13,5		60	124	77	45	14	●
DC150-05-13.600A1-	13,6		60	124	77	45	14	●
DC150-05-13.700A1-	13,7		60	124	77	45	14	●
DC150-05-13.800A1-	13,8		60	124	77	45	14	●
DC150-05-13.900A1-	13,9		60	124	77	45	14	●
DC150-05-14.000A1-	14		60	124	77	45	14	●
DC150-05-14.100A1-	14,1		63	133	83	48	16	●
DC150-05-14.200A1-	14,2		63	133	83	48	16	●
DC150-05-14.288A1-	14,288	9/16"	63	133	83	48	16	●
DC150-05-14.300A1-	14,3		63	133	83	48	16	●
DC150-05-14.500A1-	14,5		63	133	83	48	16	●
DC150-05-14.600A1-	14,6		63	133	83	48	16	●
DC150-05-14.700A1-	14,7		63	133	83	48	16	●
DC150-05-14.750A1-	14,75		63	133	83	48	16	●
DC150-05-14.800A1-	14,8		63	133	83	48	16	●
DC150-05-15.000A1-	15		63	133	83	48	16	●
DC150-05-15.100A1-	15,1		63	133	83	48	16	●
DC150-05-15.200A1-	15,2		63	133	83	48	16	●
DC150-05-15.300A1-	15,3		63	133	83	48	16	●
DC150-05-15.500A1-	15,5		63	133	83	48	16	●
DC150-05-15.600A1-	15,6		63	133	83	48	16	●
DC150-05-15.700A1-	15,7		63	133	83	48	16	●
DC150-05-15.800A1-	15,8		63	133	83	48	16	●
DC150-05-15.875A1-	15,875	5/8"	63	133	83	48	16	●
DC150-05-16.000A1-	16		63	133	83	48	16	●
DC150-05-16.100A1-	16,1		71	143	93	48	18	●
DC150-05-16.200A1-	16,2		71	143	93	48	18	●
DC150-05-16.300A1-	16,3		71	143	93	48	18	●
DC150-05-16.500A1-	16,5		71	143	93	48	18	●
DC150-05-16.700A1-	16,7		71	143	93	48	18	●
DC150-05-16.750A1-	16,75		71	143	93	48	18	●
DC150-05-17.000A1-	17		71	143	93	48	18	●
DC150-05-17.100A1-	17,1		71	143	93	48	18	●
DC150-05-17.200A1-	17,2		71	143	93	48	18	●
DC150-05-17.300A1-	17,3		71	143	93	48	18	●
DC150-05-17.500A1-	17,5		71	143	93	48	18	●
DC150-05-17.600A1-	17,6		71	143	93	48	18	●
DC150-05-17.700A1-	17,7		71	143	93	48	18	●
DC150-05-17.800A1-	17,8		71	143	93	48	18	●
DC150-05-17.900A1-	17,9		71	143	93	48	18	●
DC150-05-18.000A1-	18		71	143	93	48	18	●
DC150-05-18.500A1-	18,5		77	153	101	50	20	●

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Tool



DIN 6535 HA

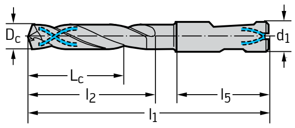


DIN 6535 HE, turned 180° DIN 6535 HB

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-05-18.900A1-	18,9		77	153	101	50	20	
DC150-05-19.000A1-	19		77	153	101	50	20	
DC150-05-19.050A1-	19,05	3/4"	77	153	101	50	20	
DC150-05-19.300A1-	19,3		77	153	101	50	20	
DC150-05-19.500A1-	19,5		77	153	101	50	20	
DC150-05-19.700A1-	19,7		77	153	101	50	20	
DC150-05-19.800A1-	19,8		77	153	101	50	20	
DC150-05-20.000A1-	20		77	153	101	50	20	
DC150-05-03.000D1-	3		23	66	28	36	6	
DC150-05-03.100D1-	3,1		23	66	28	36	6	
DC150-05-03.200D1-	3,2		23	66	28	36	6	
DC150-05-03.300D1-	3,3		23	66	28	36	6	
DC150-05-03.400D1-	3,4		23	66	28	36	6	
DC150-05-03.500D1-	3,5		23	66	28	36	6	
DC150-05-03.600D1-	3,6		23	66	28	36	6	
DC150-05-03.700D1-	3,7		23	66	28	36	6	
DC150-05-03.800D1-	3,8		29	74	36	36	6	
DC150-05-03.900D1-	3,9		29	74	36	36	6	
DC150-05-04.000D1-	4		29	74	36	36	6	
DC150-05-04.100D1-	4,1		29	74	36	36	6	
DC150-05-04.200D1-	4,2		29	74	36	36	6	
DC150-05-04.300D1-	4,3		29	74	36	36	6	
DC150-05-04.400D1-	4,4		29	74	36	36	6	
DC150-05-04.500D1-	4,5		29	74	36	36	6	
DC150-05-04.600D1-	4,6		29	74	36	36	6	
DC150-05-04.650D1-	4,65		29	74	36	36	6	
DC150-05-04.700D1-	4,7		29	74	36	36	6	
DC150-05-04.800D1-	4,8		35	82	44	36	6	
DC150-05-04.900D1-	4,9		35	82	44	36	6	
DC150-05-05.000D1-	5		35	82	44	36	6	
DC150-05-05.100D1-	5,1		35	82	44	36	6	
DC150-05-05.200D1-	5,2		35	82	44	36	6	
DC150-05-05.300D1-	5,3		35	82	44	36	6	
DC150-05-05.400D1-	5,4		35	82	44	36	6	
DC150-05-05.500D1-	5,5		35	82	44	36	6	
DC150-05-05.550D1-	5,55		35	82	44	36	6	
DC150-05-05.600D1-	5,6		35	82	44	36	6	
DC150-05-05.700D1-	5,7		35	82	44	36	6	
DC150-05-05.800D1-	5,8		35	82	44	36	6	
DC150-05-05.900D1-	5,9		35	82	44	36	6	
DC150-05-06.000D1-	6		35	82	44	36	6	
DC150-05-06.100D1-	6,1		43	91	53	36	8	
DC150-05-06.200D1-	6,2		43	91	53	36	8	
DC150-05-06.300D1-	6,2		43	91	53	36	8	
DC150-05-06.400D1-	6,4		43	91	53	36	8	
DC150-05-06.500D1-	6,5		43	91	53	36	8	
DC150-05-06.600D1-	6,6		43	91	53	36	8	
DC150-05-06.700D1-	6,7		43	91	53	36	8	

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Tool

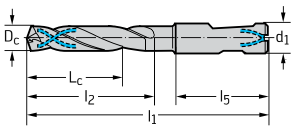


DIN 6535 HE, turned 180° DIN 6535 HB

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-05-06.800D1-	6,8		43	91	53	36	8	●
DC150-05-06.900D1-	6,9		43	91	53	36	8	●
DC150-05-07.000D1-	7		43	91	53	36	8	●
DC150-05-07.100D1-	7,1		43	91	53	36	8	●
DC150-05-07.200D1-	7,2		43	91	53	36	8	●
DC150-05-07.300D1-	7,3		43	91	53	36	8	●
DC150-05-07.400D1-	7,4		43	91	53	36	8	●
DC150-05-07.500D1-	7,5		43	91	53	36	8	●
DC150-05-07.600D1-	7,6		43	91	53	36	8	●
DC150-05-07.700D1-	7,7		43	91	53	36	8	●
DC150-05-07.800D1-	7,8		43	91	53	36	8	●
DC150-05-07.900D1-	7,9		43	91	53	36	8	●
DC150-05-08.000D1-	8		43	91	53	36	8	●
DC150-05-08.100D1-	8,1		49	103	61	40	10	●
DC150-05-08.200D1-	8,2		49	103	61	40	10	●
DC150-05-08.300D1-	8,3		49	103	61	40	10	●
DC150-05-08.400D1-	8,4		49	103	61	40	10	●
DC150-05-08.500D1-	8,5		49	103	61	40	10	●
DC150-05-08.600D1-	8,6		49	103	61	40	10	●
DC150-05-08.700D1-	8,7		49	103	61	40	10	●
DC150-05-08.800D1-	8,8		49	103	61	40	10	●
DC150-05-09.000D1-	9		49	103	61	40	10	●
DC150-05-09.100D1-	9,1		49	103	61	40	10	●
DC150-05-09.200D1-	9,2		49	103	61	40	10	●
DC150-05-09.300D1-	9,3		49	103	61	40	10	●
DC150-05-09.400D1-	9,4		49	103	61	40	10	●
DC150-05-09.500D1-	9,5		49	103	61	40	10	●
DC150-05-09.600D1-	9,6		49	103	61	40	10	●
DC150-05-09.700D1-	9,7		49	103	61	40	10	●
DC150-05-09.800D1-	9,8		49	103	61	40	10	●
DC150-05-09.900D1-	9,9		49	103	61	40	10	●
DC150-05-10.000D1-	10		49	103	61	40	10	●
DC150-05-10.100D1-	10,1		56	118	71	45	12	●
DC150-05-10.200D1-	10,2		56	118	71	45	12	●
DC150-05-10.300D1-	10,3		56	118	71	45	12	●
DC150-05-10.400D1-	10,4		56	118	71	45	12	●
DC150-05-10.500D1-	10,5		56	118	71	45	12	●
DC150-05-10.600D1-	10,6		56	118	71	45	12	●
DC150-05-10.800D1-	10,8		56	118	71	45	12	●
DC150-05-11.000D1-	11		56	118	71	45	12	●
DC150-05-11.100D1-	11,1		56	118	71	45	12	●
DC150-05-11.200D1-	11,2		56	118	71	45	12	●
DC150-05-11.300D1-	11,3		56	118	71	45	12	●
DC150-05-11.500D1-	11,5		56	118	71	45	12	●
DC150-05-11.600D1-	11,6		56	118	71	45	12	●
DC150-05-11.700D1-	11,7		56	118	71	45	12	●
DC150-05-11.800D1-	11,8		56	118	71	45	12	●
DC150-05-11.900D1-	11,9		56	118	71	45	12	●

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Tool



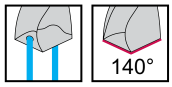
DIN 6535 HE, turned 180° DIN 6535 HB

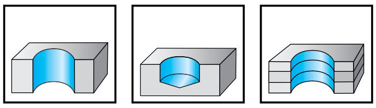
Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-05-12.000D1-	12		56	118	71	45	12	
DC150-05-12.100D1-	12,1		60	124	77	45	14	
DC150-05-12.200D1-	12,2		60	124	77	45	14	
DC150-05-12.300D1-	12,3		60	124	77	45	14	
DC150-05-12.400D1-	12,4		60	124	77	45	14	
DC150-05-12.500D1-	12,5		60	124	77	45	14	
DC150-05-12.700D1-	12,7	1/2"	60	124	77	45	14	
DC150-05-12.800D1-	12,8		60	124	77	45	14	
DC150-05-13.000D1-	13		60	124	77	45	14	
DC150-05-13.100D1-	13,1		60	124	77	45	14	
DC150-05-13.200D1-	13,2		60	124	77	45	14	
DC150-05-13.500D1-	13,5		60	124	77	45	14	
DC150-05-13.800D1-	13,8		60	124	77	45	14	
DC150-05-14.000D1-	14		60	124	77	45	14	
DC150-05-14.100D1-	14,1		63	133	83	48	16	
DC150-05-14.200D1-	14,2		63	133	83	48	16	
DC150-05-14.300D1-	14,3		63	133	83	48	16	
DC150-05-14.500D1-	14,5		63	133	83	48	16	
DC150-05-14.600D1-	14,6		63	133	83	48	16	
DC150-05-14.800D1-	14,8		63	133	83	48	16	
DC150-05-15.000D1-	15		63	133	83	48	16	
DC150-05-15.100D1-	15,1		63	133	83	48	16	
DC150-05-15.200D1-	15,2		63	133	83	48	16	
DC150-05-15.300D1-	15,3		63	133	83	48	16	
DC150-05-15.500D1-	15,5		63	133	83	48	16	
DC150-05-15.600D1-	15,6		63	133	83	48	16	
DC150-05-15.700D1-	15,7		63	133	83	48	16	
DC150-05-15.800D1-	15,8		63	133	83	48	16	
DC150-05-16.000D1-	16		63	133	83	48	16	
DC150-05-16.500D1-	16,5		71	143	93	48	18	
DC150-05-16.600D1-	16,6		71	143	93	48	18	
DC150-05-17.000D1-	17		71	143	93	48	18	
DC150-05-17.200D1-	17,2		71	143	93	48	18	
DC150-05-17.300D1-	17,3		71	143	93	48	18	
DC150-05-17.500D1-	17,5		71	143	93	48	18	
DC150-05-17.700D1-	17,7		71	143	93	48	18	
DC150-05-17.800D1-	17,8		71	143	93	48	18	
DC150-05-18.000D1-	18		71	143	93	48	18	
DC150-05-18.100D1-	18,1		77	153	101	50	20	
DC150-05-18.500D1-	18,5		77	153	101	50	20	
DC150-05-18.800D1-	18,8		77	153	101	50	20	
DC150-05-19.000D1-	19		77	153	101	50	20	
DC150-05-19.500D1-	19,5		77	153	101	50	20	
DC150-05-19.700D1-	19,7		77	153	101	50	20	
DC150-05-20.000D1-	20		77	153	101	50	20	

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Solid carbide micro drills with coolant-through
DB133 Supreme

5×Dc

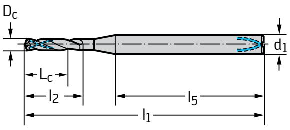




	P	M	K	N	S	H	O
WJ30EL	●●	●●	●●	●●	●●	●	●

B1

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30EL
DB133-05-00.700A1-	0,7		4,9	48	6	35	3	
DB133-05-00.750A1-	0,75		5,8	48	7	34	3	
DB133-05-00.794A1-	0,794	1/32"	5,8	48	7	34	3	
DB133-05-00.800A1-	0,8		5,8	48	7	34	3	
DB133-05-00.850A1-	0,85		6,6	50	8	35	3	
DB133-05-00.900A1-	0,9		6,6	50	8	35	3	
DB133-05-00.950A1-	0,95		7,5	50	9	34	3	
DB133-05-01.000A1-	1		7,5	50	9	34	3	
DB133-05-01.050A1-	1,05		7	51	9	36	3	
DB133-05-01.100A1-	1,1		7	51	9	36	3	
DB133-05-01.150A1-	1,15		8	51	10	35	3	
DB133-05-01.191A1-	1,191	3/64"	8	51	10	35	3	
DB133-05-01.200A1-	1,2		8	51	10	35	3	
DB133-05-01.250A1-	1,25		9	51	11	34	3	
DB133-05-01.300A1-	1,3		9	53	11	36	3	
DB133-05-01.350A1-	1,35		9	53	12	35	3	
DB133-05-01.400A1-	1,4		9	53	12	35	3	
DB133-05-01.450A1-	1,45		10	53	13	34	3	
DB133-05-01.500A1-	1,5		10	53	13	34	3	
DB133-05-01.550A1-	1,55		11	54	14	35	3	
DB133-05-01.588A1-	1,588	1/16"	11	54	14	35	3	
DB133-05-01.600A1-	1,6		11	54	14	35	3	
DB133-05-01.650A1-	1,65		11	54	14	35	3	
DB133-05-01.700A1-	1,7		11	54	14	35	3	
DB133-05-01.750A1-	1,75		12	54	15	34	3	
DB133-05-01.800A1-	1,8		12	54	15	34	3	
DB133-05-01.850A1-	1,85		13	57	16	36	3	
DB133-05-01.900A1-	1,9		13	57	16	36	3	
DB133-05-01.950A1-	1,95		14	57	17	35	3	
DB133-05-01.984A1-	1,984	5/64"	14	57	17	35	3	
★ DB133-05-02.000A1-	2		14	57	17	35	3	
★ DB133-05-02.050A1-	2,05		14	57	18	35	3	
★ DB133-05-02.100A1-	2,1		14	57	18	35	3	
★ DB133-05-02.150A1-	2,15		15	57	19	34	3	
★ DB133-05-02.200A1-	2,2		15	57	19	34	3	

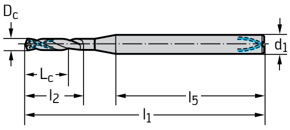
Ordering example for the grade WJ30EL: DB133-05-00.700A1-WJ30EL

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

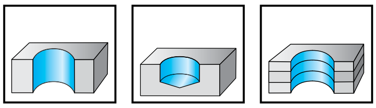


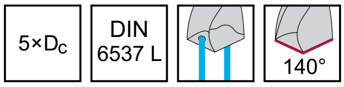
DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EL
★ DB133-05-02.250A1-	2,25		16	59	20	35	3	
★ DB133-05-02.300A1-	2,3		16	59	20	35	3	
★ DB133-05-02.350A1-	2,35		16	59	20	35	3	
★ DB133-05-02.381A1-	2,381	3/32"	16	59	20	35	3	
★ DB133-05-02.400A1-	2,4		16	59	20	35	3	
★ DB133-05-02.450A1-	2,45		17	59	21	34	3	
★ DB133-05-02.500A1-	2,5		17	59	21	34	3	
★ DB133-05-02.550A1-	2,55		18	62	22	36	3	
★ DB133-05-02.600A1-	2,6		18	62	22	36	3	
★ DB133-05-02.650A1-	2,65		18	62	23	36	3	
★ DB133-05-02.700A1-	2,7		18	62	23	36	3	
★ DB133-05-02.750A1-	2,75		19	62	24	35	3	
★ DB133-05-02.778A1-	2,778	7/64"	19	62	24	35	3	
★ DB133-05-02.800A1-	2,8		19	62	24	35	3	
★ DB133-05-02.850A1-	2,85		20	62	25	34	3	
★ DB133-05-02.900A1-	2,9		20	62	25	34	3	
★ DB133-05-02.950A1-	2,95		20	62	25	34	3	

Ordering example for the grade WJ30EL: DB133-05-00.700A1-WJ30EL

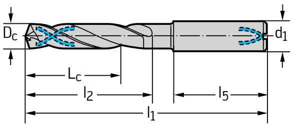
Solid carbide drills with coolant-through
A3389DPL
X·treme Plus





	P	M	K	N	S	H	O
DPL	●●	●●	●●	●●	●●	●●	●

Tool



DIN 6535 HA

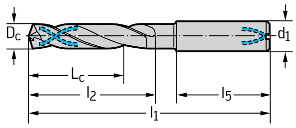
Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6
A3389DPL-3	3		23	66	28	36	6
A3389DPL-3.1	3,1		23	66	28	36	6
A3389DPL-1/8IN	3,175	1/8"	23	66	28	36	6
A3389DPL-3.2	3,2		23	66	28	36	6
A3389DPL-3.25	3,25		22	66	28	36	6
A3389DPL-3.3	3,3		23	66	28	36	6
A3389DPL-3.4	3,4		23	66	28	36	6
A3389DPL-3.5	3,5		23	66	28	36	6
A3389DPL-9/64IN	3,572	9/64"	23	66	28	36	6
A3389DPL-3.6	3,6		23	66	28	36	6
A3389DPL-3.7	3,7		23	66	28	36	6
A3389DPL-3.8	3,8		29	74	36	36	6
A3389DPL-3.9	3,9		29	74	36	36	6
A3389DPL-5/32IN	3,969	5/32"	29	74	36	36	6
A3389DPL-4	4		29	74	36	36	6
A3389DPL-4.1	4,1		29	74	36	36	6
A3389DPL-4.2	4,2		29	74	36	36	6
A3389DPL-4.3	4,3		29	74	36	36	6
A3389DPL-11/64IN	4,366	11/64"	29	74	36	36	6
A3389DPL-4.4	4,4		29	74	36	36	6
A3389DPL-4.5	4,5		29	74	36	36	6
A3389DPL-4.6	4,6		29	74	36	36	6
A3389DPL-4.65	4,65		29	74	36	36	6
A3389DPL-4.7	4,7		29	74	36	36	6
A3389DPL-3/16IN	4,763	3/16"	35	82	44	36	6
A3389DPL-4.8	4,8		35	82	44	36	6
A3389DPL-4.9	4,9		35	82	44	36	6
A3389DPL-5	5		35	82	44	36	6
A3389DPL-5.1	5,1		35	82	44	36	6
A3389DPL-13/64IN	5,159	13/64"	35	82	44	36	6
A3389DPL-5.2	5,2		35	82	44	36	6
A3389DPL-5.3	5,3		35	82	44	36	6
A3389DPL-5.4	5,4		35	82	44	36	6
A3389DPL-5.5	5,5		35	82	44	36	6
A3389DPL-5.55	5,55		35	82	44	36	6

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

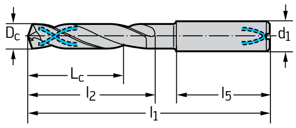
Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A3389DPL-7/32IN	5,556	7/32"	35	82	44	36	6
A3389DPL-5.6	5,6		35	82	44	36	6
A3389DPL-5.7	5,7		35	82	44	36	6
A3389DPL-5.8	5,8		35	82	44	36	6
A3389DPL-5.9	5,9		35	82	44	36	6
A3389DPL-15/64IN	5,953	15/64"	35	82	44	36	6
A3389DPL-6	6		35	82	44	36	6
A3389DPL-6.1	6,1		43	91	53	36	8
A3389DPL-6.2	6,2		43	91	53	36	8
A3389DPL-6.3	6,3		43	91	53	36	8
A3389DPL-1/4IN	6,35	1/4"	43	91	53	36	8
A3389DPL-6.4	6,4		43	91	53	36	8
A3389DPL-6.5	6,5		43	91	53	36	8
A3389DPL-6.6	6,6		43	91	53	36	8
A3389DPL-6.7	6,7		43	91	53	36	8
A3389DPL-17/64IN	6,747	17/64"	43	91	53	36	8
A3389DPL-6.8	6,8		43	91	53	36	8
A3389DPL-6.9	6,9		43	91	53	36	8
A3389DPL-7	7		43	91	53	36	8
A3389DPL-7.1	7,1		43	91	53	36	8
A3389DPL-9/32IN	7,144	9/32"	43	91	53	36	8
A3389DPL-7.2	7,2		43	91	53	36	8
A3389DPL-7.3	7,3		43	91	53	36	8
A3389DPL-7.4	7,4		43	91	53	36	8
A3389DPL-7.5	7,5		43	91	53	36	8
A3389DPL-19/64IN	7,541	19/64"	43	91	53	36	8
A3389DPL-7.55	7,55		41	91	53	36	8
A3389DPL-7.8	7,8		43	91	53	36	8
A3389DPL-7.9	7,9		43	91	53	36	8
A3389DPL-5/16IN	7,938	5/16"	43	91	53	36	8
A3389DPL-8	8		43	91	53	36	8
A3389DPL-8.1	8,1		49	103	61	40	10
A3389DPL-8.2	8,2		49	103	61	40	10
A3389DPL-8.3	8,3		49	103	61	40	10
A3389DPL-21/64IN	8,334	21/64"	49	103	61	40	10
A3389DPL-8.4	8,4		49	103	61	40	10
A3389DPL-8.5	8,5		49	103	61	40	10
A3389DPL-8.6	8,6		49	103	61	40	10
A3389DPL-8.7	8,7		49	103	61	40	10
A3389DPL-11/32IN	8,731	11/32"	49	103	61	40	10
A3389DPL-8.75	8,75		46	103	61	40	10
A3389DPL-8.8	8,8		49	103	61	40	10
A3389DPL-9	9		49	103	61	40	10
A3389DPL-23/64IN	9,128	23/64"	49	103	61	40	10
A3389DPL-9.2	9,2		49	103	61	40	10
A3389DPL-9.3	9,3		49	103	61	40	10
A3389DPL-9.5	9,5		49	103	61	40	10
A3389DPL-3/8IN	9,525	3/8"	49	103	61	40	10

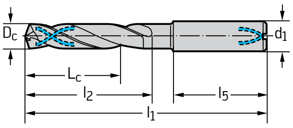
Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A3389DPL-9.6	9,6		49	103	61	40	10
A3389DPL-9.7	9,7		49	103	61	40	10
A3389DPL-9.8	9,8		49	103	61	40	10
A3389DPL-9.9	9,9		46	103	61	40	10
A3389DPL-25/64IN	9,922	25/64"	49	103	61	40	10
A3389DPL-10	10		49	103	61	40	10
A3389DPL-10.1	10,1		56	118	71	45	12
A3389DPL-10.2	10,2		56	118	71	45	12
A3389DPL-10.3	10,3		56	118	71	45	12
A3389DPL-13/32IN	10,319	13/32"	56	118	71	45	12
A3389DPL-10.4	10,4		56	118	71	45	12
A3389DPL-10.5	10,5		56	118	71	45	12
A3389DPL-27/64IN	10,716	27/64"	56	118	71	45	12
A3389DPL-10.8	10,8		56	118	71	45	12
A3389DPL-11	11		56	118	71	45	12
A3389DPL-11.1	11,1		56	118	71	45	12
A3389DPL-7/16IN	11,113	7/16"	56	118	71	45	12
A3389DPL-11.2	11,2		56	118	71	45	12
A3389DPL-11.3	11,3		53	118	71	45	12
A3389DPL-11.4	11,4		53	118	71	45	12
A3389DPL-11.5	11,5		56	118	71	45	12
A3389DPL-29/64IN	11,509	29/64"	56	118	71	45	12
A3389DPL-11.7	11,7		56	118	71	45	12
A3389DPL-11.8	11,8		56	118	71	45	12
A3389DPL-15/32IN	11,906	15/32"	56	118	71	45	12
A3389DPL-12	12		56	118	71	45	12
A3389DPL-12.1	12,1		60	124	77	45	14
A3389DPL-12.2	12,2		60	124	77	45	14
A3389DPL-12.3	12,3		60	124	77	45	14
A3389DPL-31/64IN	12,303	31/64"	60	124	77	45	14
A3389DPL-12.5	12,5		60	124	77	45	14
A3389DPL-12.6	12,6		60	124	77	45	14
A3389DPL-1/2IN	12,7	1/2"	60	124	77	45	14
A3389DPL-13	13		60	124	77	45	14
A3389DPL-13.1	13,1		63	124	77	45	14
A3389DPL-13.3	13,3		60	124	77	45	14
A3389DPL-17/32IN	13,494	17/32"	60	124	77	45	14
A3389DPL-13.5	13,5		60	124	77	45	14
A3389DPL-14	14		60	124	77	45	14
A3389DPL-9/16IN	14,288	9/16"	63	133	83	48	16
A3389DPL-14.5	14,5		63	133	83	48	16
A3389DPL-15	15		63	133	83	48	16
A3389DPL-15.1	15,1		67	133	83	48	16
A3389DPL-15.3	15,3		67	133	83	48	16
A3389DPL-15.5	15,5		63	133	83	48	16
A3389DPL-5/8IN	15,875	5/8"	63	133	83	48	16
A3389DPL-16	16		63	133	83	48	16
A3389DPL-16.5	16,5		71	143	93	48	18

Tool



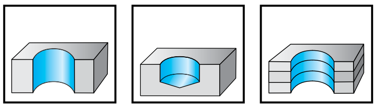
DIN 6535 HA

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A3389DPL-17	17		71	143	93	48	18
A3389DPL-17.5	17,5		71	143	93	48	18
A3389DPL-18	18		71	143	93	48	18
A3389DPL-18.5	18,5		77	153	101	50	20
A3389DPL-19	19		77	153	101	50	20
A3389DPL-3/4IN	19,05	3/4"	77	153	101	50	20
A3389DPL-20	20		77	153	101	50	20

WALTER TITEX

Solid carbide twist drill
DC175 Supreme

– Walter Precision cooling

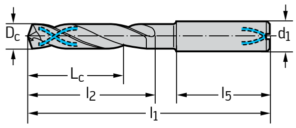


8×Dc | 140°

B1

	P	M	K	N	S	H	O
WJ30RY	●	●●		●	●●		●

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30RY
DC175-08-03.000A1-	3		28	74	34	36	6	😐
DC175-08-03.100A1-	3,1		28	74	34	36	6	😐
DC175-08-03.175A1-	3,175	1/8"	28	74	34	36	6	😐
DC175-08-03.200A1-	3,2		28	74	34	36	6	😐
DC175-08-03.300A1-	3,3		28	74	34	36	6	😐
DC175-08-03.400A1-	3,4		28	74	34	36	6	😐
DC175-08-03.500A1-	3,5		28	74	34	36	6	😐
DC175-08-03.700A1-	3,7		28	74	34	36	6	😐
DC175-08-03.800A1-	3,8		37	85	45	36	6	😐
DC175-08-03.900A1-	3,9		37	85	45	36	6	😐
DC175-08-04.000A1-	4		37	85	45	36	6	😐
DC175-08-04.100A1-	4,1		37	85	45	36	6	😐
DC175-08-04.200A1-	4,2		37	85	45	36	6	😐
DC175-08-04.300A1-	4,3		37	85	45	36	6	😐
DC175-08-04.500A1-	4,5		37	85	45	36	6	😐
DC175-08-04.700A1-	4,7		37	85	45	36	6	😐
DC175-08-04.763A1-	4,763	3/16"	48	97	57	36	6	😐
DC175-08-04.800A1-	4,8		48	97	57	36	6	😐
DC175-08-05.000A1-	5		48	97	57	36	6	😐
DC175-08-05.100A1-	5,1		48	97	57	36	6	😐
DC175-08-05.200A1-	5,2		48	97	57	36	6	😐
DC175-08-05.500A1-	5,5		48	97	57	36	6	😐
DC175-08-05.600A1-	5,6		48	97	57	36	6	😐
DC175-08-05.800A1-	5,8		48	97	57	36	6	😐
DC175-08-06.000A1-	6		48	97	57	36	6	😐
DC175-08-06.100A1-	6,1		55	106	66	36	8	😐
DC175-08-06.200A1-	6,2		55	106	66	36	8	😐
DC175-08-06.300A1-	6,3		55	106	66	36	8	😐
DC175-08-06.350A1-	6,35	1/4"	55	106	66	36	8	😐
DC175-08-06.400A1-	6,4		55	106	66	36	8	😐
DC175-08-06.500A1-	6,5		55	106	66	36	8	😐
DC175-08-06.600A1-	6,6		55	106	66	36	8	😐
DC175-08-06.700A1-	6,7		55	106	66	36	8	😐
DC175-08-06.800A1-	6,8		55	106	66	36	8	😐
DC175-08-06.900A1-	6,9		55	106	66	36	8	😐

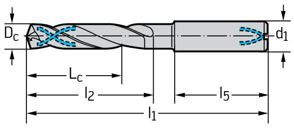
Ordering example for the grade WJ30RY: DC175-08-03.000A1-WJ30RY

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

Tool



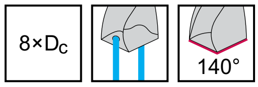
DIN 6535 HA

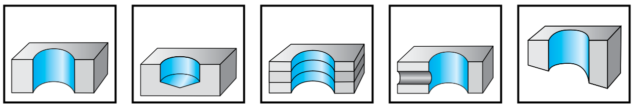
Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RY
DC175-08-07.000A1-	7		55	106	66	36	8	
DC175-08-07.144A1-	7,144	9/32"	64	116	76	36	8	
DC175-08-07.500A1-	7,5		64	116	76	36	8	
DC175-08-07.600A1-	7,6		64	116	76	36	8	
DC175-08-07.700A1-	7,7		64	116	76	36	8	
DC175-08-08.000A1-	8		64	116	76	36	8	
DC175-08-08.100A1-	8,1		80	139	95	40	10	
DC175-08-08.200A1-	8,2		80	139	95	40	10	
DC175-08-08.400A1-	8,4		80	139	95	40	10	
DC175-08-08.500A1-	8,5		80	139	95	40	10	
DC175-08-08.600A1-	8,6		80	139	95	40	10	
DC175-08-08.700A1-	8,7		80	139	95	40	10	
DC175-08-08.800A1-	8,8		80	139	95	40	10	
DC175-08-09.000A1-	9		80	139	95	40	10	
DC175-08-09.200A1-	9,2		80	139	95	40	10	
DC175-08-09.300A1-	9,3		80	139	95	40	10	
DC175-08-09.500A1-	9,5		80	139	95	40	10	
DC175-08-09.800A1-	9,8		80	139	95	40	10	
DC175-08-10.000A1-	10		80	139	95	40	10	
DC175-08-10.200A1-	10,2		96	163	114	45	12	
DC175-08-10.500A1-	10,5		96	163	114	45	12	
DC175-08-11.000A1-	11		96	163	114	45	12	
DC175-08-11.500A1-	11,5		96	163	114	45	12	
DC175-08-12.000A1-	12		96	163	114	45	12	
DC175-08-12.500A1-	12,5		119	182	133	45	14	
DC175-08-13.000A1-	13		119	182	133	45	14	
DC175-08-14.000A1-	14		119	182	133	45	14	
DC175-08-15.000A1-	15		136	204	152	48	16	
DC175-08-16.000A1-	16		136	204	152	48	16	

Ordering example for the grade WJ30RY: DC175-08-03.000A1-WJ30RY

Solid carbide drills with coolant-through

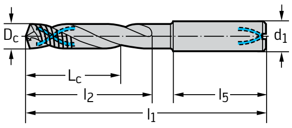
DC170 Supreme





	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-08-03.000A1-	3		28	74	34	36	6	Average
DC170-08-03.100A1-	3,1		28	74	34	36	6	Average
DC170-08-03.175A1-	3,175	1/8"	28	74	34	36	6	Average
DC170-08-03.200A1-	3,2		28	74	34	36	6	Average
DC170-08-03.300A1-	3,3		28	74	34	36	6	Average
DC170-08-03.400A1-	3,4		28	74	34	36	6	Average
DC170-08-03.500A1-	3,5		28	74	34	36	6	Average
DC170-08-03.572A1-	3,572	9/64"	28	74	34	36	6	Average
DC170-08-03.600A1-	3,6		28	74	34	36	6	Average
DC170-08-03.700A1-	3,7		28	74	34	36	6	Average
DC170-08-03.800A1-	3,8		37	85	45	36	6	Average
DC170-08-03.900A1-	3,9		37	85	45	36	6	Average
DC170-08-03.969A1-	3,969	5/32"	37	85	45	36	6	Average
DC170-08-04.000A1-	4		37	85	45	36	6	Average
DC170-08-04.100A1-	4,1		37	85	45	36	6	Average
DC170-08-04.200A1-	4,2		37	85	45	36	6	Average
DC170-08-04.300A1-	4,3		37	85	45	36	6	Average
DC170-08-04.366A1-	4,366	11/64"	37	85	45	36	6	Average
DC170-08-04.400A1-	4,4		37	85	45	36	6	Average
DC170-08-04.500A1-	4,5		37	85	45	36	6	Average
DC170-08-04.600A1-	4,6		37	85	45	36	6	Average
DC170-08-04.763A1-	4,763	3/16"	48	97	57	36	6	Average
DC170-08-04.800A1-	4,8		48	97	57	36	6	Average
DC170-08-04.900A1-	4,9		48	97	57	36	6	Average
DC170-08-05.000A1-	5		48	97	57	36	6	Average
DC170-08-05.100A1-	5,1		48	97	57	36	6	Average
DC170-08-05.159A1-	5,159	13/64"	48	97	57	36	6	Average
DC170-08-05.200A1-	5,2		48	97	57	36	6	Average
DC170-08-05.300A1-	5,3		48	97	57	36	6	Average
DC170-08-05.400A1-	5,4		48	97	57	36	6	Average
DC170-08-05.500A1-	5,5		48	97	57	36	6	Average
DC170-08-05.556A1-	5,556	7/32"	48	97	57	36	6	Average
DC170-08-05.600A1-	5,6		48	97	57	36	6	Average
DC170-08-05.700A1-	5,7		48	97	57	36	6	Average
DC170-08-05.800A1-	5,8		48	97	57	36	6	Average

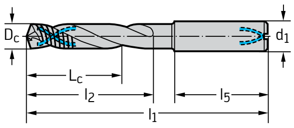
Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

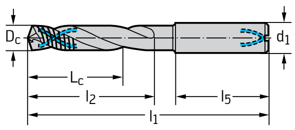


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-08-05.900A1-	5,9		48	97	57	36	6	
DC170-08-05.953A1-	5,953	15/64"	48	97	57	36	6	
DC170-08-06.000A1-	6		48	97	57	36	6	
DC170-08-06.100A1-	6,1		55	106	66	36	8	
DC170-08-06.200A1-	6,2		55	106	66	36	8	
DC170-08-06.300A1-	6,3		55	106	66	36	8	
DC170-08-06.350A1-	6,35	1/4"	55	106	66	36	8	
DC170-08-06.400A1-	6,4		55	106	66	36	8	
DC170-08-06.500A1-	6,5		55	106	66	36	8	
DC170-08-06.600A1-	6,6		55	106	66	36	8	
DC170-08-06.700A1-	6,7		55	106	66	36	8	
DC170-08-06.747A1-	6,747	17/64"	55	106	66	36	8	
DC170-08-06.800A1-	6,8		55	106	66	36	8	
DC170-08-06.900A1-	6,9		55	106	66	36	8	
DC170-08-07.000A1-	7		55	106	66	36	8	
DC170-08-07.144A1-	7,144	9/32"	64	116	76	36	8	
DC170-08-07.400A1-	7,4		64	116	76	36	8	
DC170-08-07.500A1-	7,5		64	116	76	36	8	
DC170-08-07.541A1-	7,541	19/64"	64	116	76	36	8	
DC170-08-07.600A1-	7,6		64	116	76	36	8	
DC170-08-07.700A1-	7,7		64	116	76	36	8	
DC170-08-07.800A1-	7,8		64	116	76	36	8	
DC170-08-07.900A1-	7,9		64	116	76	36	8	
DC170-08-07.938A1-	7,938	5/16"	64	116	76	36	8	
DC170-08-08.000A1-	8		64	116	76	36	8	
DC170-08-08.100A1-	8,1		80	139	95	40	10	
DC170-08-08.200A1-	8,2		80	139	95	40	10	
DC170-08-08.300A1-	8,3		80	139	95	40	10	
DC170-08-08.334A1-	8,334	21/64"	80	139	95	40	10	
DC170-08-08.400A1-	8,4		80	139	95	40	10	
DC170-08-08.500A1-	8,5		80	139	95	40	10	
DC170-08-08.600A1-	8,6		80	139	95	40	10	
DC170-08-08.700A1-	8,7		80	139	95	40	10	
DC170-08-08.731A1-	8,731	11/32"	80	139	95	40	10	
DC170-08-08.800A1-	8,8		80	139	95	40	10	
DC170-08-09.000A1-	9		80	139	95	40	10	
DC170-08-09.100A1-	9,1		80	139	95	40	10	
DC170-08-09.128A1-	9,128	23/64"	80	139	95	40	10	
DC170-08-09.200A1-	9,2		80	139	95	40	10	
DC170-08-09.300A1-	9,3		80	139	95	40	10	
DC170-08-09.400A1-	9,4		80	139	95	40	10	
DC170-08-09.500A1-	9,5		80	139	95	40	10	
DC170-08-09.525A1-	9,525	3/8"	80	139	95	40	10	
DC170-08-09.600A1-	9,6		80	139	95	40	10	
DC170-08-09.700A1-	9,7		80	139	95	40	10	
DC170-08-09.800A1-	9,8		80	139	95	40	10	
DC170-08-09.900A1-	9,9		80	139	95	40	10	
DC170-08-09.922A1-	9,922	25/64"	80	139	95	40	10	

Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

Tool



DIN 6535 HA

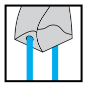
Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-08-10.000A1-	10		80	139	95	40	10	
DC170-08-10.100A1-	10,1		96	163	114	45	12	
DC170-08-10.200A1-	10,2		96	163	114	45	12	
DC170-08-10.300A1-	10,3		96	163	114	45	12	
DC170-08-10.319A1-	10,319	13/32"	96	163	114	45	12	
DC170-08-10.500A1-	10,5		96	163	114	45	12	
DC170-08-10.716A1-	10,716	27/64"	96	163	114	45	12	
DC170-08-10.800A1-	10,8		96	163	114	45	12	
DC170-08-11.000A1-	11		96	163	114	45	12	
DC170-08-11.100A1-	11,1		96	163	114	45	12	
DC170-08-11.113A1-	11,113	7/16"	96	163	114	45	12	
DC170-08-11.200A1-	11,2		96	163	114	45	12	
DC170-08-11.300A1-	11,3		96	163	114	45	12	
DC170-08-11.400A1-	11,4		96	163	114	45	12	
DC170-08-11.500A1-	11,5		96	163	114	45	12	
DC170-08-11.700A1-	11,7		96	163	114	45	12	
DC170-08-11.800A1-	11,8		96	163	114	45	12	
DC170-08-11.900A1-	11,9		96	163	114	45	12	
DC170-08-12.000A1-	12		96	163	114	45	12	
DC170-08-12.303A1-	12,303	31/64"	119	182	133	45	14	
DC170-08-12.500A1-	12,5		119	182	133	45	14	
DC170-08-12.700A1-	12,7	1/2"	119	182	133	45	14	
DC170-08-13.000A1-	13		119	182	133	45	14	
DC170-08-13.494A1-	13,494	17/32"	119	182	133	45	14	
DC170-08-13.500A1-	13,5		119	182	133	45	14	
DC170-08-14.000A1-	14		119	182	133	45	14	
DC170-08-14.288A1-	14,288	9/16"	136	204	152	48	16	
DC170-08-14.500A1-	14,5		136	204	152	48	16	
DC170-08-15.000A1-	15		136	204	152	48	16	
DC170-08-15.500A1-	15,5		136	204	152	48	16	
DC170-08-15.875A1-	15,875	5/8"	136	204	152	48	16	
DC170-08-16.000A1-	16		136	204	152	48	16	
DC170-08-16.500A1-	16,5		153	223	171	48	18	
DC170-08-17.000A1-	17		153	223	171	48	18	
DC170-08-17.500A1-	17,5		153	223	171	48	18	
DC170-08-18.000A1-	18		153	223	171	48	18	
DC170-08-20.000A1-	20		170	244	190	50	20	

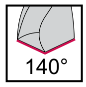
Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

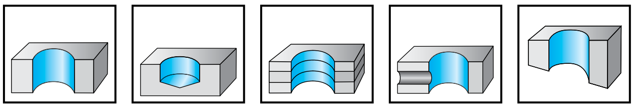
B1

Solid carbide drills with coolant-through
DC160 Advance
X·treme Evo

8×D_c

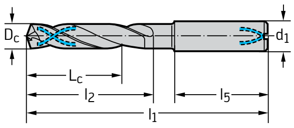






	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-08-03.000A1-	3		28	74	34	36	6	😐
DC160-08-03.100A1-	3,1		28	74	34	36	6	😐
DC160-08-03.175A1-	3,175	1/8"	28	74	34	36	6	😐
DC160-08-03.200A1-	3,2		28	74	34	36	6	😐
DC160-08-03.300A1-	3,3		28	74	34	36	6	😐
DC160-08-03.400A1-	3,4		28	74	34	36	6	😐
DC160-08-03.500A1-	3,5		28	74	34	36	6	😐
DC160-08-03.572A1-	3,572	9/64"	28	74	34	36	6	😐
DC160-08-03.600A1-	3,6		28	74	34	36	6	😐
DC160-08-03.700A1-	3,7		28	74	34	36	6	😐
DC160-08-03.800A1-	3,8		37	85	45	36	6	😐
DC160-08-03.900A1-	3,9		37	85	45	36	6	😐
DC160-08-03.969A1-	3,969	5/32"	37	85	45	36	6	😐
DC160-08-04.000A1-	4		37	85	45	36	6	😐
DC160-08-04.100A1-	4,1		37	85	45	36	6	😐
DC160-08-04.200A1-	4,2		37	85	45	36	6	😐
DC160-08-04.300A1-	4,3		37	85	45	36	6	😐
DC160-08-04.366A1-	4,366	11/64"	37	85	45	36	6	😐
DC160-08-04.400A1-	4,4		37	85	45	36	6	😐
DC160-08-04.500A1-	4,5		37	85	45	36	6	😐
DC160-08-04.600A1-	4,6		37	85	45	36	6	😐
DC160-08-04.700A1-	4,7		37	85	45	36	6	😐
DC160-08-04.763A1-	4,763	3/16"	48	97	57	36	6	😐
DC160-08-04.800A1-	4,8		48	97	57	36	6	😐
DC160-08-04.900A1-	4,9		48	97	57	36	6	😐
DC160-08-05.000A1-	5		48	97	57	36	6	😐
DC160-08-05.100A1-	5,1		48	97	57	36	6	😐
DC160-08-05.159A1-	5,159	13/64"	48	97	57	36	6	😐
DC160-08-05.200A1-	5,2		48	97	57	36	6	😐
DC160-08-05.300A1-	5,3		48	97	57	36	6	😐
DC160-08-05.400A1-	5,4		48	97	57	36	6	😐
DC160-08-05.500A1-	5,5		48	97	57	36	6	😐
DC160-08-05.556A1-	5,556	7/32"	48	97	57	36	6	😐
DC160-08-05.600A1-	5,6		48	97	57	36	6	😐
DC160-08-05.700A1-	5,7		48	97	57	36	6	😐

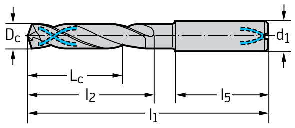
Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = 🙂 ➔ Average = 😐 ➔ Poor = ☹ machining conditions

Tool

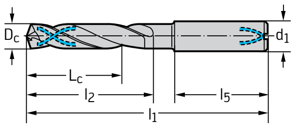


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-08-05.800A1-	5,8		48	97	57	36	6	●
DC160-08-05.900A1-	5,9		48	97	57	36	6	●
DC160-08-05.953A1-	5,953	15/64"	48	97	57	36	6	●
DC160-08-06.000A1-	6		48	97	57	36	6	●
DC160-08-06.100A1-	6,1		55	106	66	36	8	●
DC160-08-06.200A1-	6,2		55	106	66	36	8	●
DC160-08-06.300A1-	6,3		55	106	66	36	8	●
DC160-08-06.350A1-	6,35	1/4"	55	106	66	36	8	●
DC160-08-06.400A1-	6,4		55	106	66	36	8	●
DC160-08-06.500A1-	6,5		55	106	66	36	8	●
DC160-08-06.600A1-	6,6		55	106	66	36	8	●
DC160-08-06.700A1-	6,7		55	106	66	36	8	●
DC160-08-06.747A1-	6,747	17/64"	55	106	66	36	8	●
DC160-08-06.800A1-	6,8		55	106	66	36	8	●
DC160-08-06.900A1-	6,9		55	106	66	36	8	●
DC160-08-07.000A1-	7		55	106	66	36	8	●
DC160-08-07.100A1-	7,1		64	116	76	36	8	●
DC160-08-07.144A1-	7,144	9/32"	64	116	76	36	8	●
DC160-08-07.200A1-	7,2		64	116	76	36	8	●
DC160-08-07.300A1-	7,3		64	116	76	36	8	●
DC160-08-07.400A1-	7,4		64	116	76	36	8	●
DC160-08-07.500A1-	7,5		64	116	76	36	8	●
DC160-08-07.541A1-	7,541	19/64"	64	116	76	36	8	●
DC160-08-07.600A1-	7,6		64	116	76	36	8	●
DC160-08-07.700A1-	7,7		64	116	76	36	8	●
DC160-08-07.800A1-	7,8		64	116	76	36	8	●
DC160-08-07.900A1-	7,9		64	116	76	36	8	●
DC160-08-07.938A1-	7,938	5/16"	64	116	76	36	8	●
DC160-08-08.000A1-	8		64	116	76	36	8	●
DC160-08-08.100A1-	8,1		80	139	95	40	10	●
DC160-08-08.200A1-	8,2		80	139	95	40	10	●
DC160-08-08.300A1-	8,3		80	139	95	40	10	●
DC160-08-08.334A1-	8,334	21/64"	80	139	95	40	10	●
DC160-08-08.400A1-	8,4		80	139	95	40	10	●
DC160-08-08.500A1-	8,5		80	139	95	40	10	●
DC160-08-08.600A1-	8,6		80	139	95	40	10	●
DC160-08-08.700A1-	8,7		80	139	95	40	10	●
DC160-08-08.731A1-	8,731	11/32"	80	139	95	40	10	●
DC160-08-08.800A1-	8,8		80	139	95	40	10	●
DC160-08-08.900A1-	8,9		80	139	95	40	10	●
DC160-08-09.000A1-	9		80	139	95	40	10	●
DC160-08-09.100A1-	9,1		80	139	95	40	10	●
DC160-08-09.128A1-	9,128	23/64"	80	139	95	40	10	●
DC160-08-09.200A1-	9,2		80	139	95	40	10	●
DC160-08-09.300A1-	9,3		80	139	95	40	10	●
DC160-08-09.400A1-	9,4		80	139	95	40	10	●
DC160-08-09.500A1-	9,5		80	139	95	40	10	●
DC160-08-09.525A1-	9,525	3/8"	80	139	95	40	10	●

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

Tool

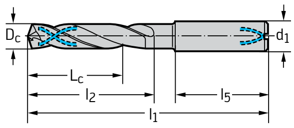


DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-08-09.600A1-	9,6		80	139	95	40	10	
DC160-08-09.700A1-	9,7		80	139	95	40	10	
DC160-08-09.800A1-	9,8		80	139	95	40	10	
DC160-08-09.900A1-	9,9		80	139	95	40	10	
DC160-08-09.922A1-	9,922	25/64“	80	139	95	40	10	
DC160-08-10.000A1-	10		80	139	95	40	10	
DC160-08-10.100A1-	10,1		96	163	114	45	12	
DC160-08-10.200A1-	10,2		96	163	114	45	12	
DC160-08-10.300A1-	10,3		96	163	114	45	12	
DC160-08-10.319A1-	10,319	13/32“	96	163	114	45	12	
DC160-08-10.400A1-	10,4		96	163	114	45	12	
DC160-08-10.500A1-	10,5		96	163	114	45	12	
DC160-08-10.600A1-	10,6		96	163	114	45	12	
DC160-08-10.700A1-	10,7		96	163	114	45	12	
DC160-08-10.716A1-	10,716	27/64“	96	163	114	45	12	
DC160-08-10.800A1-	10,8		96	163	114	45	12	
DC160-08-10.900A1-	10,9		96	163	114	45	12	
DC160-08-11.000A1-	11		96	163	114	45	12	
DC160-08-11.100A1-	11,1		96	163	114	45	12	
DC160-08-11.113A1-	11,113	7/16“	96	163	114	45	12	
DC160-08-11.200A1-	11,2		96	163	114	45	12	
DC160-08-11.300A1-	11,3		96	163	114	45	12	
DC160-08-11.400A1-	11,4		96	163	114	45	12	
DC160-08-11.500A1-	11,5		96	163	114	45	12	
DC160-08-11.509A1-	11,509	29/64“	96	163	114	45	12	
DC160-08-11.600A1-	11,6		96	163	114	45	12	
DC160-08-11.700A1-	11,7		96	163	114	45	12	
DC160-08-11.800A1-	11,8		96	163	114	45	12	
DC160-08-11.900A1-	11,9		96	163	114	45	12	
DC160-08-11.906A1-	11,906	15/32“	96	163	114	45	12	
DC160-08-12.000A1-	12		96	163	114	45	12	
DC160-08-12.303A1-	12,303	31/64“	119	182	133	45	14	
DC160-08-12.500A1-	12,5		119	182	133	45	14	
DC160-08-12.700A1-	12,7	1/2“	119	182	133	45	14	
DC160-08-13.000A1-	13		119	182	133	45	14	
DC160-08-13.494A1-	13,494	17/32“	119	182	133	45	14	
DC160-08-13.500A1-	13,5		119	182	133	45	14	
DC160-08-14.000A1-	14		119	182	133	45	14	
DC160-08-14.288A1-	14,288	9/16“	136	204	152	48	16	
DC160-08-14.500A1-	14,5		136	204	152	48	16	
DC160-08-15.000A1-	15		136	204	152	48	16	
DC160-08-15.500A1-	15,5		136	204	152	48	16	
DC160-08-15.875A1-	15,875	5/8“	136	204	152	48	16	
DC160-08-16.000A1-	16		136	204	152	48	16	
DC160-08-16.500A1-	16,5		153	223	171	48	18	
DC160-08-17.000A1-	17		153	223	171	48	18	
DC160-08-17.500A1-	17,5		153	223	171	48	18	
DC160-08-18.000A1-	18		153	223	171	48	18	

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

Tool



DIN 6535 HA

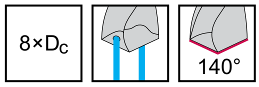
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-08-18.500A1-	18,5		170	244	190	50	20	
DC160-08-19.000A1-	19		170	244	190	50	20	
DC160-08-19.050A1-	19,05	3/4"	170	244	190	50	20	
DC160-08-19.500A1-	19,5		170	244	190	50	20	
DC160-08-20.000A1-	20		170	244	190	50	20	

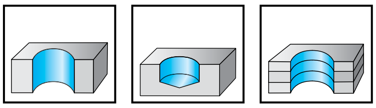
Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

B 1

Solid carbide drills with coolant-through

DC150 Perform

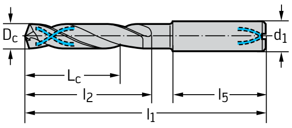




B1

	P	M	K	N	S	H	O
WJ30TA	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30TA
DC150-08-03.000A1-	3		28	74	34	36	6	☺
DC150-08-03.100A1-	3,1		28	74	34	36	6	☺
DC150-08-03.175A1-	3,175	1/8"	28	74	34	36	6	☺
DC150-08-03.200A1-	3,2		28	74	34	36	6	☺
DC150-08-03.300A1-	3,3		28	74	34	36	6	☺
DC150-08-03.400A1-	3,4		28	74	34	36	6	☺
DC150-08-03.500A1-	3,5		28	74	34	36	6	☺
DC150-08-03.572A1-	3,572	9/64"	28	74	34	36	6	☺
DC150-08-03.600A1-	3,6		28	74	34	36	6	☺
DC150-08-03.700A1-	3,7		28	74	34	36	6	☺
DC150-08-03.800A1-	3,8		37	85	45	36	6	☺
DC150-08-03.900A1-	3,9		37	85	45	36	6	☺
DC150-08-03.969A1-	3,969	5/32"	37	85	45	36	6	☺
DC150-08-04.000A1-	4		37	85	45	36	6	☺
DC150-08-04.100A1-	4,1		37	85	45	36	6	☺
DC150-08-04.200A1-	4,2		37	85	45	36	6	☺
DC150-08-04.300A1-	4,3		37	85	45	36	6	☺
DC150-08-04.366A1-	4,366	11/64"	37	85	45	36	6	☺
DC150-08-04.400A1-	4,4		37	85	45	36	6	☺
DC150-08-04.500A1-	4,5		37	85	45	36	6	☺
DC150-08-04.600A1-	4,6		37	85	45	36	6	☺
DC150-08-04.700A1-	4,7		37	85	45	36	6	☺
DC150-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☺
DC150-08-04.800A1-	4,8		48	97	57	36	6	☺
DC150-08-04.900A1-	4,9		48	97	57	36	6	☺
DC150-08-05.000A1-	5		48	97	57	36	6	☺
DC150-08-05.100A1-	5,1		48	97	57	36	6	☺
DC150-08-05.159A1-	5,159	13/64"	48	97	57	36	6	☺
DC150-08-05.200A1-	5,2		48	97	57	36	6	☺
DC150-08-05.300A1-	5,3		48	97	57	36	6	☺
DC150-08-05.400A1-	5,4		48	97	57	36	6	☺
DC150-08-05.500A1-	5,5		48	97	57	36	6	☺
DC150-08-05.556A1-	5,556	7/32"	48	97	57	36	6	☺
DC150-08-05.600A1-	5,6		48	97	57	36	6	☺
DC150-08-05.700A1-	5,7		48	97	57	36	6	☺

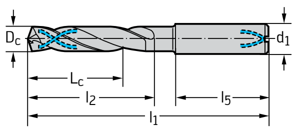
Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☺ → Poor = ☹ machining conditions

Tool

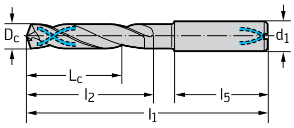


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30TA
DC150-08-05.800A1-	5,8		48	97	57	36	6	●
DC150-08-05.900A1-	5,9		48	97	57	36	6	●
DC150-08-05.953A1-	5,953	15/64"	48	97	57	36	6	●
DC150-08-06.000A1-	6		48	97	57	36	6	●
DC150-08-06.100A1-	6,1		55	106	66	36	8	●
DC150-08-06.200A1-	6,2		55	106	66	36	8	●
DC150-08-06.300A1-	6,3		55	106	66	36	8	●
DC150-08-06.350A1-	6,35	1/4"	55	106	66	36	8	●
DC150-08-06.400A1-	6,4		55	106	66	36	8	●
DC150-08-06.500A1-	6,5		55	106	66	36	8	●
DC150-08-06.600A1-	6,6		55	106	66	36	8	●
DC150-08-06.700A1-	6,7		55	106	66	36	8	●
DC150-08-06.747A1-	6,747	17/64"	55	106	66	36	8	●
DC150-08-06.800A1-	6,8		55	106	66	36	8	●
DC150-08-06.900A1-	6,9		55	106	66	36	8	●
DC150-08-07.000A1-	7		55	106	66	36	8	●
DC150-08-07.100A1-	7,1		64	116	76	36	8	●
DC150-08-07.144A1-	7,144	9/32"	64	116	76	36	8	●
DC150-08-07.200A1-	7,2		64	116	76	36	8	●
DC150-08-07.300A1-	7,3		64	116	76	36	8	●
DC150-08-07.400A1-	7,4		64	116	76	36	8	●
DC150-08-07.500A1-	7,5		64	116	76	36	8	●
DC150-08-07.541A1-	7,541	19/64"	64	116	76	36	8	●
DC150-08-07.600A1-	7,6		64	116	76	36	8	●
DC150-08-07.700A1-	7,7		64	116	76	36	8	●
DC150-08-07.800A1-	7,8		64	116	76	36	8	●
DC150-08-07.900A1-	7,9		64	116	76	36	8	●
DC150-08-07.938A1-	7,938	5/16"	64	116	76	36	8	●
DC150-08-08.000A1-	8		64	116	76	36	8	●
DC150-08-08.100A1-	8,1		80	139	95	40	10	●
DC150-08-08.200A1-	8,2		80	139	95	40	10	●
DC150-08-08.300A1-	8,3		80	139	95	40	10	●
DC150-08-08.334A1-	8,334	21/64"	80	139	95	40	10	●
DC150-08-08.400A1-	8,4		80	139	95	40	10	●
DC150-08-08.500A1-	8,5		80	139	95	40	10	●
DC150-08-08.600A1-	8,6		80	139	95	40	10	●
DC150-08-08.700A1-	8,7		80	139	95	40	10	●
DC150-08-08.731A1-	8,731	11/32"	80	139	95	40	10	●
DC150-08-08.800A1-	8,8		80	139	95	40	10	●
DC150-08-08.900A1-	8,9		80	139	95	40	10	●
DC150-08-09.000A1-	9		80	139	95	40	10	●
DC150-08-09.100A1-	9,1		80	139	95	40	10	●
DC150-08-09.128A1-	9,128	23/64"	80	139	95	40	10	●
DC150-08-09.200A1-	9,2		80	139	95	40	10	●
DC150-08-09.300A1-	9,3		80	139	95	40	10	●
DC150-08-09.400A1-	9,4		80	139	95	40	10	●
DC150-08-09.500A1-	9,5		80	139	95	40	10	●
DC150-08-09.525A1-	9,525	3/8"	80	139	95	40	10	●

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

Tool

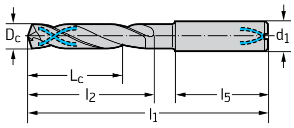


DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30TA
DC150-08-09.600A1-	9,6		80	139	95	40	10	●
DC150-08-09.700A1-	9,7		80	139	95	40	10	●
DC150-08-09.800A1-	9,8		80	139	95	40	10	●
DC150-08-09.900A1-	9,9		80	139	95	40	10	●
DC150-08-09.922A1-	9,922	25/64“	80	139	95	40	10	●
DC150-08-10.000A1-	10		80	139	95	40	10	●
DC150-08-10.100A1-	10,1		96	163	114	45	12	●
DC150-08-10.200A1-	10,2		96	163	114	45	12	●
DC150-08-10.300A1-	10,3		96	163	114	45	12	●
DC150-08-10.319A1-	10,319	13/32“	96	163	114	45	12	●
DC150-08-10.400A1-	10,4		96	163	114	45	12	●
DC150-08-10.500A1-	10,5		96	163	114	45	12	●
DC150-08-10.700A1-	10,7		96	163	114	45	12	●
DC150-08-10.716A1-	10,716	27/64“	96	163	114	45	12	●
DC150-08-10.800A1-	10,8		96	163	114	45	12	●
DC150-08-10.900A1-	10,9		96	163	114	45	12	●
DC150-08-11.000A1-	11		96	163	114	45	12	●
DC150-08-11.100A1-	11,1		96	163	114	45	12	●
DC150-08-11.113A1-	11,113	7/16“	96	163	114	45	12	●
DC150-08-11.200A1-	11,2		96	163	114	45	12	●
DC150-08-11.300A1-	11,3		96	163	114	45	12	●
DC150-08-11.500A1-	11,5		96	163	114	45	12	●
DC150-08-11.600A1-	11,6		96	163	114	45	12	●
DC150-08-11.700A1-	11,7		96	163	114	45	12	●
DC150-08-11.800A1-	11,8		96	163	114	45	12	●
DC150-08-11.900A1-	11,9		96	163	114	45	12	●
DC150-08-11.906A1-	11,906	15/32“	96	163	114	45	12	●
DC150-08-12.000A1-	12		96	163	114	45	12	●
DC150-08-12.303A1-	12,303	31/64“	119	182	133	45	14	●
DC150-08-12.500A1-	12,5		119	182	133	45	14	●
DC150-08-12.700A1-	12,7	1/2“	119	182	133	45	14	●
DC150-08-13.000A1-	13		119	182	133	45	14	●
DC150-08-13.494A1-	13,494	17/32“	119	182	133	45	14	●
DC150-08-13.500A1-	13,5		119	182	133	45	14	●
DC150-08-14.000A1-	14		119	182	133	45	14	●
DC150-08-14.288A1-	14,288	9/16“	136	204	152	48	16	●
DC150-08-14.500A1-	14,5		136	204	152	48	16	●
DC150-08-15.000A1-	15		136	204	152	48	16	●
DC150-08-15.500A1-	15,5		136	204	152	48	16	●
DC150-08-15.875A1-	15,875	5/8“	136	204	152	48	16	●
DC150-08-16.000A1-	16		136	204	152	48	16	●
DC150-08-16.500A1-	16,5		153	223	171	48	18	●
DC150-08-17.000A1-	17		153	223	171	48	18	●
DC150-08-17.500A1-	17,5		153	223	171	48	18	●
DC150-08-18.000A1-	18		153	223	171	48	18	●
DC150-08-18.500A1-	18,5		170	244	190	50	20	●
DC150-08-19.000A1-	19		170	244	190	50	20	●
DC150-08-19.050A1-	19,05	3/4“	170	244	190	50	20	●

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

Tool



DIN 6535 HA

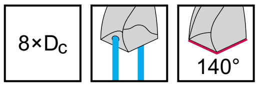
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30TA
DC150-08-19.500A1-	19,5		170	244	190	50	20	
DC150-08-20.000A1-	20		170	244	190	50	20	

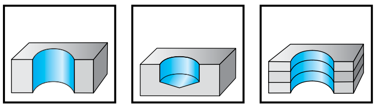
Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

B 1

Solid carbide micro drills with coolant-through

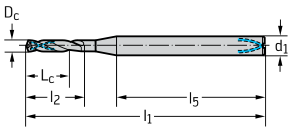
DB133 Supreme





	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30ER
DB133-08-00.700A1-	0,7		6,9	50	8	35	3	
DB133-08-00.750A1-	0,75		7,8	50	9	34	3	
DB133-08-00.794A1-	0,794	1/32"	7,8	50	9	34	3	
DB133-08-00.800A1-	0,8		7,8	50	9	34	3	
DB133-08-00.850A1-	0,85		8,6	53	10	36	3	
DB133-08-00.900A1-	0,9		8,6	53	10	36	3	
DB133-08-00.950A1-	0,95		10,5	53	12	34	3	
DB133-08-01.000A1-	1		10,5	53	12	34	3	
DB133-08-01.050A1-	1,05		11	54	13	35	3	
DB133-08-01.100A1-	1,1		11	54	13	35	3	
DB133-08-01.150A1-	1,15		12	54	14	34	3	
DB133-08-01.191A1-	1,191	3/64"	12	54	14	34	3	
DB133-08-01.200A1-	1,2		12	54	14	34	3	
DB133-08-01.250A1-	1,25		12	54	14	34	3	
DB133-08-01.300A1-	1,3		13	57	15	36	3	
DB133-08-01.350A1-	1,35		13	57	16	35	3	
DB133-08-01.400A1-	1,4		13	57	16	35	3	
DB133-08-01.450A1-	1,45		14	57	17	34	3	
DB133-08-01.500A1-	1,5		14	57	17	34	3	
DB133-08-01.550A1-	1,55		15	60	18	37	3	
DB133-08-01.588A1-	1,588	1/16"	15	60	18	37	3	
DB133-08-01.600A1-	1,6		15	60	18	37	3	
DB133-08-01.650A1-	1,65		17	60	20	35	3	
DB133-08-01.700A1-	1,7		17	60	20	35	3	
DB133-08-01.750A1-	1,75		18	60	21	34	3	
DB133-08-01.800A1-	1,8		18	60	21	34	3	
DB133-08-01.820A1-	1,82		19	63	22	36	3	
DB133-08-01.850A1-	1,85		19	63	22	36	3	
DB133-08-01.900A1-	1,9		19	63	22	36	3	
DB133-08-01.950A1-	1,95		20	63	23	35	3	
DB133-08-01.984A1-	1,984	5/64"	20	63	23	35	3	
★ DB133-08-02.000A1-	2		20	63	23	35	3	
★ DB133-08-02.050A1-	2,05		20	63	24	35	3	
★ DB133-08-02.100A1-	2,1		20	63	24	35	3	
★ DB133-08-02.150A1-	2,15		21	63	25	34	3	

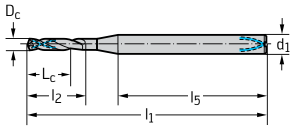
Ordering example for the grade WJ30ER: DB133-08-00.700A1-WJ30ER

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ➔ Average = ➔ Poor = machining conditions

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30ER
★ DB133-08-02.200A1-	2,2		21	63	25	34	3	
★ DB133-08-02.250A1-	2,25		22	67	26	37	3	
★ DB133-08-02.300A1-	2,3		22	67	26	37	3	
★ DB133-08-02.350A1-	2,35		24	67	28	35	3	
★ DB133-08-02.381A1-	2,381	3/32"	24	67	28	35	3	
★ DB133-08-02.400A1-	2,4		24	67	28	35	3	
★ DB133-08-02.450A1-	2,45		25	67	29	34	3	
★ DB133-08-02.500A1-	2,5		25	67	29	34	3	
★ DB133-08-02.550A1-	2,55		26	71	30	37	3	
★ DB133-08-02.600A1-	2,6		26	71	30	37	3	
★ DB133-08-02.650A1-	2,65		26	71	31	37	3	
★ DB133-08-02.700A1-	2,7		26	71	31	37	3	
★ DB133-08-02.750A1-	2,75		27	71	32	36	3	
★ DB133-08-02.778A1-	2,778	7/64"	27	71	32	36	3	
★ DB133-08-02.800A1-	2,8		27	71	32	36	3	
★ DB133-08-02.850A1-	2,85		28	71	33	35	3	
★ DB133-08-02.900A1-	2,9		28	71	33	35	3	
★ DB133-08-02.950A1-	2,95		29	71	34	34	3	

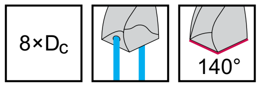
Ordering example for the grade WJ30ER: DB133-08-00.700A1-WJ30ER

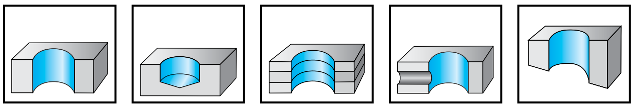
B1

Solid carbide drills with coolant-through

A6489DPP

X·treme D8

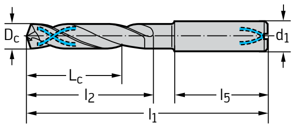




	P	M	K	N	S	H	O
DPP	●●	●●	●●	●●	●●	●●	●

B1

Tool



DIN 6535 HA

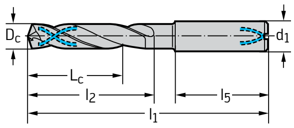
Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6489DPP-3	3		28	74	34	36	6
A6489DPP-3.1	3,1		28	74	34	36	6
A6489DPP-1/8IN	3,175	1/8"	28	74	34	36	6
A6489DPP-3.2	3,2		28	74	34	36	6
A6489DPP-3.3	3,3		28	74	34	36	6
A6489DPP-3.4	3,4		28	74	34	36	6
A6489DPP-3.5	3,5		28	74	34	36	6
A6489DPP-9/64IN	3,572	9/64"	28	74	34	36	6
A6489DPP-3.6	3,6		28	74	34	36	6
A6489DPP-3.7	3,7		28	74	34	36	6
A6489DPP-3.8	3,8		37	85	45	36	6
A6489DPP-3.9	3,9		37	85	45	36	6
A6489DPP-5/32IN	3,969	5/32"	37	85	45	36	6
A6489DPP-4	4		37	85	45	36	6
A6489DPP-4.1	4,1		37	85	45	36	6
A6489DPP-4.2	4,2		37	85	45	36	6
A6489DPP-4.3	4,3		37	85	45	36	6
A6489DPP-11/64IN	4,366	11/64"	37	85	45	36	6
A6489DPP-4.4	4,4		37	85	45	36	6
A6489DPP-4.5	4,5		37	85	45	36	6
A6489DPP-4.6	4,6		37	85	45	36	6
A6489DPP-4.7	4,7		37	85	45	36	6
A6489DPP-3/16IN	4,763	3/16"	48	97	57	36	6
A6489DPP-4.8	4,8		48	97	57	36	6
A6489DPP-4.9	4,9		48	97	57	36	6
A6489DPP-5	5		48	97	57	36	6
A6489DPP-5.1	5,1		48	97	57	36	6
A6489DPP-13/64IN	5,159	13/64"	48	97	57	36	6
A6489DPP-5.2	5,2		48	97	57	36	6
A6489DPP-5.3	5,3		48	97	57	36	6
A6489DPP-5.4	5,4		48	97	57	36	6
A6489DPP-5.5	5,5		48	97	57	36	6
A6489DPP-7/32IN	5,556	7/32"	48	97	57	36	6
A6489DPP-5.6	5,6		48	97	57	36	6
A6489DPP-5.7	5,7		48	97	57	36	6

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

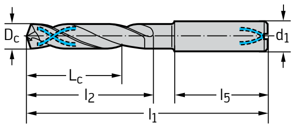
Tool



DIN 6535 HA

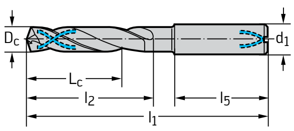
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6489DPP-5.8	5,8		48	97	57	36	6
A6489DPP-5.9	5,9		48	97	57	36	6
A6489DPP-15/64IN	5,953	15/64"	48	97	57	36	6
A6489DPP-6	6		48	97	57	36	6
A6489DPP-6.1	6,1		55	106	66	36	8
A6489DPP-6.2	6,2		55	106	66	36	8
A6489DPP-6.3	6,3		55	106	66	36	8
A6489DPP-1/4IN	6,35	1/4"	55	106	66	36	8
A6489DPP-6.4	6,4		55	106	66	36	8
A6489DPP-6.5	6,5		55	106	66	36	8
A6489DPP-6.6	6,6		55	106	66	36	8
A6489DPP-6.7	6,7		55	106	66	36	8
A6489DPP-17/64IN	6,747	17/64"	55	106	66	36	8
A6489DPP-6.8	6,8		55	106	66	36	8
A6489DPP-6.9	6,9		55	106	66	36	8
A6489DPP-7	7		55	106	66	36	8
A6489DPP-7.1	7,1		64	116	76	36	8
A6489DPP-9/32IN	7,144	9/32"	64	116	76	36	8
A6489DPP-7.2	7,2		64	116	76	36	8
A6489DPP-7.3	7,3		64	116	76	36	8
A6489DPP-7.4	7,4		64	116	76	36	8
A6489DPP-7.5	7,5		64	116	76	36	8
A6489DPP-19/64IN	7,541	19/64"	64	116	76	36	8
A6489DPP-7.6	7,6		64	116	76	36	8
A6489DPP-7.7	7,7		64	116	76	36	8
A6489DPP-7.8	7,8		64	116	76	36	8
A6489DPP-7.9	7,9		64	116	76	36	8
A6489DPP-5/16IN	7,938	5/16"	64	116	76	36	8
A6489DPP-8	8		64	116	76	36	8
A6489DPP-8.1	8,1		80	139	95	40	10
A6489DPP-8.2	8,2		80	139	95	40	10
A6489DPP-8.3	8,3		80	139	95	40	10
A6489DPP-21/64IN	8,334	21/64"	80	139	95	40	10
A6489DPP-8.4	8,4		80	139	95	40	10
A6489DPP-8.5	8,5		80	139	95	40	10
A6489DPP-8.6	8,6		80	139	95	40	10
A6489DPP-8.7	8,7		80	139	95	40	10
A6489DPP-11/32IN	8,731	11/32"	80	139	95	40	10
A6489DPP-8.8	8,8		80	139	95	40	10
A6489DPP-8.9	8,9		80	139	95	40	10
A6489DPP-9	9		80	139	95	40	10
A6489DPP-9.1	9,1		80	139	95	40	10
A6489DPP-23/64IN	9,128	23/64"	80	139	95	40	10
A6489DPP-9.2	9,2		80	139	95	40	10
A6489DPP-9.3	9,3		80	139	95	40	10
A6489DPP-9.4	9,4		80	139	95	40	10
A6489DPP-9.5	9,5		80	139	95	40	10
A6489DPP-3/8IN	9,525	3/8"	80	139	95	40	10

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6489DPP-9.6	9,6		80	139	95	40	10
A6489DPP-9.7	9,7		80	139	95	40	10
A6489DPP-9.8	9,8		80	139	95	40	10
A6489DPP-9.9	9,9		80	139	95	40	10
A6489DPP-25/64IN	9,922	25/64"	80	139	95	40	10
A6489DPP-10	10		80	139	95	40	10
A6489DPP-10.1	10,1		96	163	114	45	12
A6489DPP-10.2	10,2		96	163	114	45	12
A6489DPP-10.3	10,3		96	163	114	45	12
A6489DPP-13/32IN	10,319	13/32"	96	163	114	45	12
A6489DPP-10.4	10,4		96	163	114	45	12
A6489DPP-10.5	10,5		96	163	114	45	12
A6489DPP-10.6	10,6		96	163	114	45	12
A6489DPP-10.7	10,7		96	163	114	45	12
A6489DPP-27/64IN	10,716	27/64"	96	163	114	45	12
A6489DPP-10.8	10,8		96	163	114	45	12
A6489DPP-10.9	10,9		96	163	114	45	12
A6489DPP-11	11		96	163	114	45	12
A6489DPP-11.1	11,1		96	163	114	45	12
A6489DPP-7/16IN	11,113	7/16"	96	163	114	45	12
A6489DPP-11.2	11,2		96	163	114	45	12
A6489DPP-11.3	11,3		96	163	114	45	12
A6489DPP-11.4	11,4		96	163	114	45	12
A6489DPP-11.5	11,5		96	163	114	45	12
A6489DPP-29/64IN	11,509	29/64"	96	163	114	45	12
A6489DPP-11.6	11,6		96	163	114	45	12
A6489DPP-11.7	11,7		96	163	114	45	12
A6489DPP-11.8	11,8		96	163	114	45	12
A6489DPP-11.9	11,9		96	163	114	45	12
A6489DPP-15/32IN	11,906	15/32"	96	163	114	45	12
A6489DPP-12	12		96	163	114	45	12
A6489DPP-31/64IN	12,303	31/64"	119	182	133	45	14
A6489DPP-12.5	12,5		119	182	133	45	14
A6489DPP-1/2IN	12,7	1/2"	119	182	133	45	14
A6489DPP-13	13		119	182	133	45	14
A6489DPP-17/32IN	13,494	17/32"	119	182	133	45	14
A6489DPP-13.5	13,5		119	182	133	45	14
A6489DPP-14	14		119	182	133	45	14
A6489DPP-9/16IN	14,288	9/16"	136	204	152	48	16
A6489DPP-14.5	14,5		136	204	152	48	16
A6489DPP-15	15		136	204	152	48	16
A6489DPP-15.5	15,5		136	204	152	48	16
A6489DPP-5/8IN	15,875	5/8"	136	204	152	48	16
A6489DPP-16	16		136	204	152	48	16
A6489DPP-16.5	16,5		153	223	171	48	18
A6489DPP-17	17		153	223	171	48	18
A6489DPP-17.5	17,5		153	223	171	48	18
A6489DPP-18	18		153	223	171	48	18



DIN 6535 HA

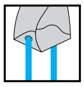
Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6489DPP-18.5	18,5		170	244	190	50	20
A6489DPP-19	19		170	244	190	50	20
A6489DPP-3/4IN	19,05	3/4"	170	244	190	50	20
A6489DPP-19.5	19,5		170	244	190	50	20
A6489DPP-20	20		170	244	190	50	20

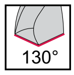
Solid carbide drills with coolant-through

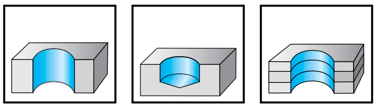
A3486TIP

Alpha® 44

8×D_c

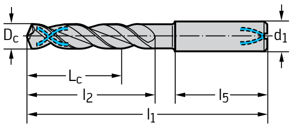






	P	M	K	N	S	H	O
TIP	●●	●	●	●●	●		●

Tool



DIN 6535 HA

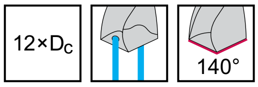
Designation	m7	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A3486TIP-5	5	54	101	63	36	6
A3486TIP-5.2	5,2	54	101	63	36	6
A3486TIP-5.5	5,5	54	101	63	36	6
A3486TIP-5.8	5,8	54	101	63	36	6
A3486TIP-6	6	54	101	63	36	6
A3486TIP-6.1	6,1	67	117	79	36	8
A3486TIP-6.5	6,5	67	117	79	36	8
A3486TIP-6.6	6,6	67	117	79	36	8
A3486TIP-6.8	6,8	67	117	79	36	8
A3486TIP-7	7	67	117	79	36	8
A3486TIP-7.5	7,5	67	117	79	36	8
A3486TIP-7.8	7,8	67	117	79	36	8
A3486TIP-8	8	67	117	79	36	8
A3486TIP-8.5	8,5	76	133	91	40	10
A3486TIP-9	9	76	133	91	40	10

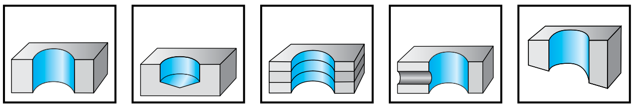
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide drills with coolant-through
DC170 Supreme

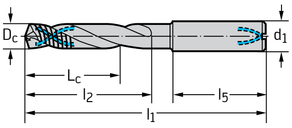




B1

	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30EJ
DC170-12-03.000A1-	3		48	92	54	36	6	
DC170-12-03.100A1-	3,1		48	92	54	36	6	
DC170-12-03.175A1-	3,175	1/8"	48	92	54	36	6	
DC170-12-03.200A1-	3,2		48	92	54	36	6	
DC170-12-03.300A1-	3,3		48	92	54	36	6	
DC170-12-03.400A1-	3,4		48	92	54	36	6	
DC170-12-03.500A1-	3,5		48	92	54	36	6	
DC170-12-03.572A1-	3,572	9/64"	48	92	54	36	6	
DC170-12-03.600A1-	3,6		48	92	54	36	6	
DC170-12-03.700A1-	3,7		48	92	54	36	6	
DC170-12-03.800A1-	3,8		56	102	64	36	6	
DC170-12-03.900A1-	3,9		56	102	64	36	6	
DC170-12-03.969A1-	3,969	5/32"	56	102	64	36	6	
DC170-12-04.000A1-	4		56	102	64	36	6	
DC170-12-04.100A1-	4,1		56	102	64	36	6	
DC170-12-04.200A1-	4,2		56	102	64	36	6	
DC170-12-04.300A1-	4,3		56	102	64	36	6	
DC170-12-04.366A1-	4,366	11/64"	56	102	64	36	6	
DC170-12-04.400A1-	4,4		56	102	64	36	6	
DC170-12-04.500A1-	4,5		56	102	64	36	6	
DC170-12-04.600A1-	4,6		56	102	64	36	6	
DC170-12-04.700A1-	4,7		56	102	64	36	6	
DC170-12-04.763A1-	4,763	3/16"	74	121	83	36	6	
DC170-12-04.800A1-	4,8		74	121	83	36	6	
DC170-12-04.900A1-	4,9		74	121	83	36	6	
DC170-12-05.000A1-	5		74	121	83	36	6	
DC170-12-05.100A1-	5,1		74	121	83	36	6	
DC170-12-05.159A1-	5,159	13/64"	74	121	83	36	6	
DC170-12-05.200A1-	5,2		74	121	83	36	6	
DC170-12-05.300A1-	5,3		74	121	83	36	6	
DC170-12-05.400A1-	5,4		74	121	83	36	6	
DC170-12-05.500A1-	5,5		74	121	83	36	6	
DC170-12-05.550A1-	5,55		74	121	83	36	6	
DC170-12-05.556A1-	5,556	7/32"	74	121	83	36	6	
DC170-12-05.600A1-	5,6		74	121	83	36	6	

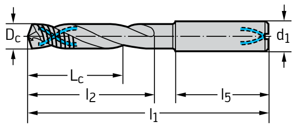
Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



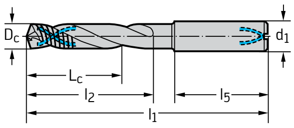
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-12-05.700A1-	5,7		74	121	83	36	6	
DC170-12-05.800A1-	5,8		74	121	83	36	6	
DC170-12-05.900A1-	5,9		74	121	83	36	6	
DC170-12-06.000A1-	6		74	121	83	36	6	
DC170-12-06.100A1-	6,1		98	148	110	36	8	
DC170-12-06.200A1-	6,2		98	148	110	36	8	
DC170-12-06.300A1-	6,3		98	148	110	36	8	
DC170-12-06.350A1-	6,35	1/4"	98	148	110	36	8	
DC170-12-06.400A1-	6,4		98	148	110	36	8	
DC170-12-06.500A1-	6,5		98	148	110	36	8	
DC170-12-06.600A1-	6,6		98	148	110	36	8	
DC170-12-06.747A1-	6,747	17/64"	98	148	110	36	8	
DC170-12-06.800A1-	6,8		98	148	110	36	8	
DC170-12-06.900A1-	6,9		98	148	110	36	8	
DC170-12-07.000A1-	7		98	148	110	36	8	
DC170-12-07.100A1-	7,1		98	148	110	36	8	
DC170-12-07.144A1-	7,144	9/32"	98	148	110	36	8	
DC170-12-07.300A1-	7,3		98	148	110	36	8	
DC170-12-07.400A1-	7,4		98	148	110	36	8	
DC170-12-07.500A1-	7,5		98	148	110	36	8	
DC170-12-07.541A1-	7,541	19/64"	98	148	110	36	8	
DC170-12-07.800A1-	7,8		98	148	110	36	8	
DC170-12-07.900A1-	7,9		98	148	110	36	8	
DC170-12-07.938A1-	7,938	5/16"	98	148	110	36	8	
DC170-12-08.000A1-	8		98	148	110	36	8	
DC170-12-08.100A1-	8,1		123	180	138	40	10	
DC170-12-08.200A1-	8,2		123	180	138	40	10	
DC170-12-08.300A1-	8,3		123	180	138	40	10	
DC170-12-08.400A1-	8,4		123	180	138	40	10	
DC170-12-08.500A1-	8,5		123	180	138	40	10	
DC170-12-08.600A1-	8,6		123	180	138	40	10	
DC170-12-08.700A1-	8,7		123	180	138	40	10	
DC170-12-08.731A1-	8,731	11/32"	123	180	138	40	10	
DC170-12-08.800A1-	8,8		123	180	138	40	10	
DC170-12-09.000A1-	9		123	180	138	40	10	
DC170-12-09.128A1-	9,128	23/64"	123	180	138	40	10	
DC170-12-09.300A1-	9,3		123	180	138	40	10	
DC170-12-09.500A1-	9,5		123	180	138	40	10	
DC170-12-09.525A1-	9,525	3/8"	123	180	138	40	10	
DC170-12-09.600A1-	9,6		123	180	138	40	10	
DC170-12-09.700A1-	9,7		123	180	138	40	10	
DC170-12-09.800A1-	9,8		123	180	138	40	10	
DC170-12-09.922A1-	9,922	25/64"	123	180	138	40	10	
DC170-12-10.000A1-	10		123	180	138	40	10	
DC170-12-10.100A1-	10,1		140	206	158	45	12	
DC170-12-10.200A1-	10,2		140	206	158	45	12	
DC170-12-10.300A1-	10,3		140	206	158	45	12	
DC170-12-10.319A1-	10,319	13/32"	140	206	158	45	12	

Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

B1

Tool

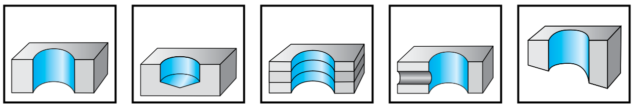


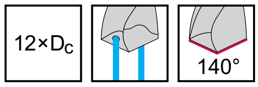
DIN 6535 HA

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-12-10.400A1-	10,4		140	206	158	45	12	
DC170-12-10.500A1-	10,5		140	206	158	45	12	
DC170-12-11.000A1-	11		140	206	158	45	12	
DC170-12-11.100A1-	11,1		140	206	158	45	12	
DC170-12-11.113A1-	11,113	7/16"	140	206	158	45	12	
DC170-12-11.200A1-	11,2		140	206	158	45	12	
DC170-12-11.500A1-	11,5		140	206	158	45	12	
DC170-12-11.509A1-	11,509	29/64"	140	206	158	45	12	
DC170-12-11.700A1-	11,7		140	206	158	45	12	
DC170-12-11.800A1-	11,8		140	206	158	45	12	
DC170-12-11.906A1-	11,906	15/32"	140	206	158	45	12	
DC170-12-12.000A1-	12		140	206	158	45	12	
DC170-12-12.200A1-	12,2		168	230	182	45	14	
DC170-12-12.303A1-	12,303	31/64"	168	230	182	45	14	
DC170-12-12.500A1-	12,5		168	230	182	45	14	
DC170-12-12.600A1-	12,6		168	230	182	45	14	
DC170-12-12.700A1-	12,7	1/2"	168	230	182	45	14	
DC170-12-13.000A1-	13		168	230	182	45	14	
DC170-12-13.494A1-	13,494	17/32"	168	230	182	45	14	
DC170-12-13.500A1-	13,5		168	230	182	45	14	
DC170-12-14.000A1-	14		168	230	182	45	14	
DC170-12-14.288A1-	14,288	9/16"	192	260	208	48	16	
DC170-12-14.500A1-	14,5		192	260	208	48	16	
DC170-12-15.000A1-	15		192	260	208	48	16	
DC170-12-15.500A1-	15,5		192	260	208	48	16	
DC170-12-15.875A1-	15,875	5/8"	192	260	208	48	16	
DC170-12-16.000A1-	16		192	260	208	48	16	
DC170-12-16.500A1-	16,5		216	285	234	48	18	
DC170-12-17.000A1-	17		216	285	234	48	18	
DC170-12-17.500A1-	17,5		216	285	234	48	18	
DC170-12-18.000A1-	18		216	285	234	48	18	
DC170-12-19.000A1-	19		238	310	258	50	20	
DC170-12-19.500A1-	19,5		238	310	258	50	20	
DC170-12-20.000A1-	20		238	310	258	50	20	

Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

Solid carbide drills with coolant-through
DC160 Advance
X·treme Evo

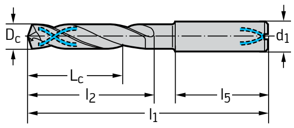




	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

B1

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-12-03.000A1-	3		48	92	54	36	6	😐
DC160-12-03.100A1-	3,1		48	92	54	36	6	😐
DC160-12-03.175A1-	3,175	1/8"	48	92	54	36	6	😐
DC160-12-03.200A1-	3,2		48	92	54	36	6	😐
DC160-12-03.300A1-	3,3		48	92	54	36	6	😐
DC160-12-03.400A1-	3,4		48	92	54	36	6	😐
DC160-12-03.500A1-	3,5		48	92	54	36	6	😐
DC160-12-03.572A1-	3,572	9/64"	48	92	54	36	6	😐
DC160-12-03.600A1-	3,6		48	92	54	36	6	😐
DC160-12-03.700A1-	3,7		48	92	54	36	6	😐
DC160-12-03.800A1-	3,8		56	102	64	36	6	😐
DC160-12-03.900A1-	3,9		56	102	64	36	6	😐
DC160-12-03.969A1-	3,969	5/32"	56	102	64	36	6	😐
DC160-12-04.000A1-	4		56	102	64	36	6	😐
DC160-12-04.100A1-	4,1		56	102	64	36	6	😐
DC160-12-04.200A1-	4,2		56	102	64	36	6	😐
DC160-12-04.300A1-	4,3		56	102	64	36	6	😐
DC160-12-04.366A1-	4,366	11/64"	56	102	64	36	6	😐
DC160-12-04.400A1-	4,4		56	102	64	36	6	😐
DC160-12-04.500A1-	4,5		56	102	64	36	6	😐
DC160-12-04.600A1-	4,6		56	102	64	36	6	😐
DC160-12-04.700A1-	4,7		56	102	64	36	6	😐
DC160-12-04.763A1-	4,763	3/16"	74	121	83	36	6	😐
DC160-12-04.800A1-	4,8		74	121	83	36	6	😐
DC160-12-04.900A1-	4,9		74	121	83	36	6	😐
DC160-12-05.000A1-	5		74	121	83	36	6	😐
DC160-12-05.100A1-	5,1		74	121	83	36	6	😐
DC160-12-05.159A1-	5,159	13/64"	74	121	83	36	6	😐
DC160-12-05.200A1-	5,2		74	121	83	36	6	😐
DC160-12-05.300A1-	5,3		74	121	83	36	6	😐
DC160-12-05.400A1-	5,4		74	121	83	36	6	😐
DC160-12-05.500A1-	5,5		74	121	83	36	6	😐
DC160-12-05.550A1-	5,55		74	121	83	36	6	😐
DC160-12-05.556A1-	5,556	7/32"	74	121	83	36	6	😐
DC160-12-05.600A1-	5,6		74	121	83	36	6	😐

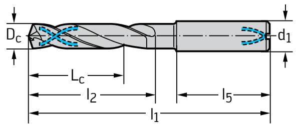
Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

Tool



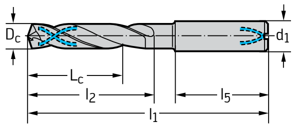
DIN 6535 HA

B1

Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-12-05.700A1-	5,7		74	121	83	36	6	
DC160-12-05.800A1-	5,8		74	121	83	36	6	
DC160-12-05.900A1-	5,9		74	121	83	36	6	
DC160-12-06.000A1-	6		74	121	83	36	6	
DC160-12-06.100A1-	6,1		98	148	110	36	8	
DC160-12-06.200A1-	6,2		98	148	110	36	8	
DC160-12-06.300A1-	6,3		98	148	110	36	8	
DC160-12-06.350A1-	6,35	1/4"	98	148	110	36	8	
DC160-12-06.400A1-	6,4		98	148	110	36	8	
DC160-12-06.500A1-	6,5		98	148	110	36	8	
DC160-12-06.600A1-	6,6		98	148	110	36	8	
DC160-12-06.700A1-	6,7		98	148	110	36	8	
DC160-12-06.747A1-	6,747	17/64"	98	148	110	36	8	
DC160-12-06.800A1-	6,8		98	148	110	36	8	
DC160-12-06.900A1-	6,9		98	148	110	36	8	
DC160-12-07.000A1-	7		98	148	110	36	8	
DC160-12-07.100A1-	7,1		98	148	110	36	8	
DC160-12-07.144A1-	7,144	9/32"	98	148	110	36	8	
DC160-12-07.200A1-	7,2		98	148	110	36	8	
DC160-12-07.300A1-	7,3		98	148	110	36	8	
DC160-12-07.400A1-	7,4		98	148	110	36	8	
DC160-12-07.500A1-	7,5		98	148	110	36	8	
DC160-12-07.541A1-	7,541	19/64"	98	148	110	36	8	
DC160-12-07.800A1-	7,8		98	148	110	36	8	
DC160-12-07.900A1-	7,9		98	148	110	36	8	
DC160-12-07.938A1-	7,938	5/16"	98	148	110	36	8	
DC160-12-08.000A1-	8		98	148	110	36	8	
DC160-12-08.100A1-	8,1		123	180	138	40	10	
DC160-12-08.200A1-	8,2		123	180	138	40	10	
DC160-12-08.300A1-	8,3		123	180	138	40	10	
DC160-12-08.400A1-	8,4		123	180	138	40	10	
DC160-12-08.500A1-	8,5		123	180	138	40	10	
DC160-12-08.600A1-	8,6		123	180	138	40	10	
DC160-12-08.700A1-	8,7		123	180	138	40	10	
DC160-12-08.731A1-	8,731	11/32"	123	180	138	40	10	
DC160-12-08.800A1-	8,8		123	180	138	40	10	
DC160-12-09.000A1-	9		123	180	138	40	10	
DC160-12-09.128A1-	9,128	23/64"	123	180	138	40	10	
DC160-12-09.200A1-	9,2		123	180	138	40	10	
DC160-12-09.300A1-	9,3		123	180	138	40	10	
DC160-12-09.500A1-	9,5		123	180	138	40	10	
DC160-12-09.525A1-	9,525	3/8"	123	180	138	40	10	
DC160-12-09.600A1-	9,6		123	180	138	40	10	
DC160-12-09.700A1-	9,7		123	180	138	40	10	
DC160-12-09.800A1-	9,8		123	180	138	40	10	
DC160-12-09.922A1-	9,922	25/64"	123	180	138	40	10	
DC160-12-10.000A1-	10		123	180	138	40	10	
DC160-12-10.100A1-	10,1		140	206	158	45	12	

Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

Tool

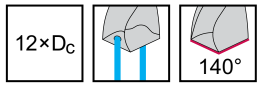


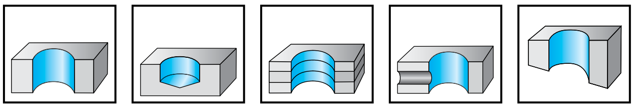
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-12-10.200A1-	10,2		140	206	158	45	12	
DC160-12-10.300A1-	10,3		140	206	158	45	12	
DC160-12-10.319A1-	10,319	13/32"	140	206	158	45	12	
DC160-12-10.400A1-	10,4		140	206	158	45	12	
DC160-12-10.500A1-	10,5		140	206	158	45	12	
DC160-12-10.716A1-	10,716	27/64"	140	206	158	45	12	
DC160-12-10.800A1-	10,8		140	206	158	45	12	
DC160-12-11.000A1-	11		140	206	158	45	12	
DC160-12-11.100A1-	11,1		140	206	158	45	12	
DC160-12-11.113A1-	11,113	7/16"	140	206	158	45	12	
DC160-12-11.200A1-	11,2		140	206	158	45	12	
DC160-12-11.500A1-	11,5		140	206	158	45	12	
DC160-12-11.509A1-	11,509	29/64"	140	206	158	45	12	
DC160-12-11.700A1-	11,7		140	206	158	45	12	
DC160-12-11.800A1-	11,8		140	206	158	45	12	
DC160-12-11.906A1-	11,906	15/32"	140	206	158	45	12	
DC160-12-12.000A1-	12		140	206	158	45	12	
DC160-12-12.100A1-	12,1		168	230	182	45	14	
DC160-12-12.200A1-	12,2		168	230	182	45	14	
DC160-12-12.300A1-	12,3		168	230	182	45	14	
DC160-12-12.303A1-	12,303	31/64"	168	230	182	45	14	
DC160-12-12.500A1-	12,5		168	230	182	45	14	
DC160-12-12.600A1-	12,6		168	230	182	45	14	
DC160-12-12.700A1-	12,7	1/2"	168	230	182	45	14	
DC160-12-13.000A1-	13		168	230	182	45	14	
DC160-12-13.494A1-	13,494	17/32"	168	230	182	45	14	
DC160-12-13.500A1-	13,5		168	230	182	45	14	
DC160-12-14.000A1-	14		168	230	182	45	14	
DC160-12-14.288A1-	14,288	9/16"	192	260	208	48	16	
DC160-12-14.500A1-	14,5		192	260	208	48	16	
DC160-12-15.000A1-	15		192	260	208	48	16	
DC160-12-15.500A1-	15,5		192	260	208	48	16	
DC160-12-15.875A1-	15,875	5/8"	192	260	208	48	16	
DC160-12-16.000A1-	16		192	260	208	48	16	
DC160-12-16.500A1-	16,5		216	285	234	48	18	
DC160-12-17.000A1-	17		216	285	234	48	18	
DC160-12-17.500A1-	17,5		216	285	234	48	18	
DC160-12-18.000A1-	18		216	285	234	48	18	
DC160-12-18.500A1-	18,5		238	310	258	50	20	
DC160-12-19.000A1-	19		238	310	258	50	20	
DC160-12-19.500A1-	19,5		238	310	258	50	20	
DC160-12-20.000A1-	20		238	310	258	50	20	

Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

Solid carbide drills with coolant-through
DC150 Perform

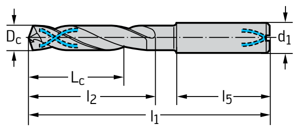




B1

	P	M	K	N	S	H	O
WJ30TA	●●	●	●●	●●	●●	●●	●

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30TA
DC150-12-03.000A1-	3		48	92	54	36	6	
DC150-12-03.100A1-	3,1		48	92	54	36	6	
DC150-12-03.175A1-	3,175	1/8"	48	92	54	36	6	
DC150-12-03.200A1-	3,2		48	92	54	36	6	
DC150-12-03.300A1-	3,3		48	92	54	36	6	
DC150-12-03.400A1-	3,4		48	92	54	36	6	
DC150-12-03.500A1-	3,5		48	92	54	36	6	
DC150-12-03.572A1-	3,572	9/64"	48	92	54	36	6	
DC150-12-03.600A1-	3,6		48	92	54	36	6	
DC150-12-03.700A1-	3,7		48	92	54	36	6	
DC150-12-03.800A1-	3,8		56	102	64	36	6	
DC150-12-03.900A1-	3,9		56	102	64	36	6	
DC150-12-03.969A1-	3,969	5/32"	56	102	64	36	6	
DC150-12-04.000A1-	4		56	102	64	36	6	
DC150-12-04.100A1-	4,1		56	102	64	36	6	
DC150-12-04.200A1-	4,2		56	102	64	36	6	
DC150-12-04.300A1-	4,3		56	102	64	36	6	
DC150-12-04.366A1-	4,366	11/64"	56	102	64	36	6	
DC150-12-04.400A1-	4,4		56	102	64	36	6	
DC150-12-04.500A1-	4,5		56	102	64	36	6	
DC150-12-04.600A1-	4,6		56	102	64	36	6	
DC150-12-04.700A1-	4,7		56	102	64	36	6	
DC150-12-04.763A1-	4,763	3/16"	74	121	83	36	6	
DC150-12-04.800A1-	4,8		74	121	83	36	6	
DC150-12-04.900A1-	4,9		74	121	83	36	6	
DC150-12-05.000A1-	5		74	121	83	36	6	
DC150-12-05.100A1-	5,1		74	121	83	36	6	
DC150-12-05.159A1-	5,159	13/64"	74	121	83	36	6	
DC150-12-05.200A1-	5,2		74	121	83	36	6	
DC150-12-05.300A1-	5,3		74	121	83	36	6	
DC150-12-05.400A1-	5,4		74	121	83	36	6	
DC150-12-05.500A1-	5,5		74	121	83	36	6	
DC150-12-05.550A1-	5,55		74	121	83	36	6	
DC150-12-05.556A1-	5,556	7/32"	74	121	83	36	6	
DC150-12-05.600A1-	5,6		74	121	83	36	6	

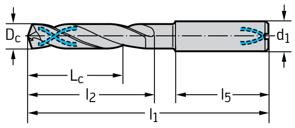
Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



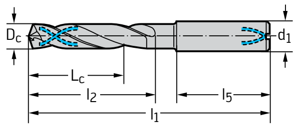
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30TA
DC150-12-05.700A1-	5,7		74	121	83	36	6	
DC150-12-05.800A1-	5,8		74	121	83	36	6	
DC150-12-05.900A1-	5,9		74	121	83	36	6	
DC150-12-06.000A1-	6		74	121	83	36	6	
DC150-12-06.100A1-	6,1		98	148	110	36	8	
DC150-12-06.200A1-	6,2		98	148	110	36	8	
DC150-12-06.300A1-	6,3		98	148	110	36	8	
DC150-12-06.350A1-	6,35	1/4"	98	148	110	36	8	
DC150-12-06.400A1-	6,4		98	148	110	36	8	
DC150-12-06.500A1-	6,5		98	148	110	36	8	
DC150-12-06.600A1-	6,6		98	148	110	36	8	
DC150-12-06.700A1-	6,7		98	148	110	36	8	
DC150-12-06.747A1-	6,747	17/64"	98	148	110	36	8	
DC150-12-06.800A1-	6,8		98	148	110	36	8	
DC150-12-06.900A1-	6,9		98	148	110	36	8	
DC150-12-07.000A1-	7		98	148	110	36	8	
DC150-12-07.100A1-	7,1		98	148	110	36	8	
DC150-12-07.144A1-	7,144	9/32"	98	148	110	36	8	
DC150-12-07.200A1-	7,2		98	148	110	36	8	
DC150-12-07.300A1-	7,3		98	148	110	36	8	
DC150-12-07.400A1-	7,4		98	148	110	36	8	
DC150-12-07.500A1-	7,5		98	148	110	36	8	
DC150-12-07.541A1-	7,541	19/64"	98	148	110	36	8	
DC150-12-07.800A1-	7,8		98	148	110	36	8	
DC150-12-07.900A1-	7,9		98	148	110	36	8	
DC150-12-07.938A1-	7,938	5/16"	98	148	110	36	8	
DC150-12-08.000A1-	8		98	148	110	36	8	
DC150-12-08.100A1-	8,1		123	180	138	40	10	
DC150-12-08.200A1-	8,2		123	180	138	40	10	
DC150-12-08.300A1-	8,3		123	180	138	40	10	
DC150-12-08.400A1-	8,4		123	180	138	40	10	
DC150-12-08.500A1-	8,5		123	180	138	40	10	
DC150-12-08.600A1-	8,6		123	180	138	40	10	
DC150-12-08.700A1-	8,7		123	180	138	40	10	
DC150-12-08.731A1-	8,731	11/32"	123	180	138	40	10	
DC150-12-08.800A1-	8,8		123	180	138	40	10	
DC150-12-09.000A1-	9		123	180	138	40	10	
DC150-12-09.128A1-	9,128	23/64"	123	180	138	40	10	
DC150-12-09.200A1-	9,2		123	180	138	40	10	
DC150-12-09.300A1-	9,3		123	180	138	40	10	
DC150-12-09.500A1-	9,5		123	180	138	40	10	
DC150-12-09.525A1-	9,525	3/8"	123	180	138	40	10	
DC150-12-09.600A1-	9,6		123	180	138	40	10	
DC150-12-09.700A1-	9,7		123	180	138	40	10	
DC150-12-09.800A1-	9,8		123	180	138	40	10	
DC150-12-09.922A1-	9,922	25/64"	123	180	138	40	10	
DC150-12-10.000A1-	10		123	180	138	40	10	
DC150-12-10.100A1-	10,1		140	206	158	45	12	

Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

B1

Tool



DIN 6535 HA

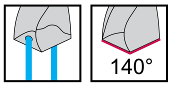
B1

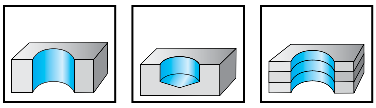
Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30TA
DC150-12-10.200A1-	10,2		140	206	158	45	12	
DC150-12-10.300A1-	10,3		140	206	158	45	12	
DC150-12-10.319A1-	10,319	13/32"	140	206	158	45	12	
DC150-12-10.500A1-	10,5		140	206	158	45	12	
DC150-12-10.716A1-	10,716	27/64"	140	206	158	45	12	
DC150-12-10.800A1-	10,8		140	206	158	45	12	
DC150-12-11.000A1-	11		140	206	158	45	12	
DC150-12-11.100A1-	11,1		140	206	158	45	12	
DC150-12-11.113A1-	11,113	7/16"	140	206	158	45	12	
DC150-12-11.200A1-	11,2		140	206	158	45	12	
DC150-12-11.500A1-	11,5		140	206	158	45	12	
DC150-12-11.509A1-	11,509	29/64"	140	206	158	45	12	
DC150-12-11.700A1-	11,7		140	206	158	45	12	
DC150-12-11.800A1-	11,8		140	206	158	45	12	
DC150-12-11.906A1-	11,906	15/32"	140	206	158	45	12	
DC150-12-12.000A1-	12		140	206	158	45	12	
DC150-12-12.100A1-	12,1		168	230	182	45	14	
DC150-12-12.200A1-	12,2		168	230	182	45	14	
DC150-12-12.300A1-	12,3		168	230	182	45	14	
DC150-12-12.303A1-	12,303	31/64"	168	230	182	45	14	
DC150-12-12.500A1-	12,5		168	230	182	45	14	
DC150-12-12.600A1-	12,6		168	230	182	45	14	
DC150-12-12.700A1-	12,7	1/2"	168	230	182	45	14	
DC150-12-13.000A1-	13		168	230	182	45	14	
DC150-12-13.494A1-	13,494	17/32"	168	230	182	45	14	
DC150-12-13.500A1-	13,5		168	230	182	45	14	
DC150-12-14.000A1-	14		168	230	182	45	14	
DC150-12-14.288A1-	14,288	9/16"	192	260	208	48	16	
DC150-12-14.500A1-	14,5		192	260	208	48	16	
DC150-12-15.000A1-	15		192	260	208	48	16	
DC150-12-15.500A1-	15,5		192	260	208	48	16	
DC150-12-15.875A1-	15,875	5/8"	192	260	208	48	16	
DC150-12-16.000A1-	16		192	260	208	48	16	
DC150-12-16.500A1-	16,5		216	285	234	48	18	
DC150-12-17.000A1-	17		216	285	234	48	18	
DC150-12-17.500A1-	17,5		216	285	234	48	18	
DC150-12-18.000A1-	18		216	285	234	48	18	
DC150-12-19.000A1-	19		238	310	258	50	20	
DC150-12-20.000A1-	20		238	310	258	50	20	

Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

Solid carbide micro drills with coolant-through
DB133 Supreme

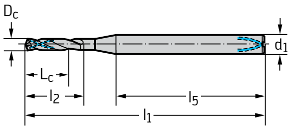
12×D_c





	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

	Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ER
	DB133-12-00.700A1-	0,7		9,9	53	11	35	3	Average
	DB133-12-00.750A1-	0,75		10,8	53	12	34	3	Average
	DB133-12-00.794A1-	0,794	1/32"	10,8	53	12	34	3	Average
	DB133-12-00.800A1-	0,8		10,8	53	12	34	3	Average
	DB133-12-00.850A1-	0,85		12,6	57	14	36	3	Average
	DB133-12-00.900A1-	0,9		12,6	57	14	36	3	Average
	DB133-12-00.950A1-	0,95		14,5	57	16	34	3	Average
	DB133-12-01.000A1-	1		14,5	57	16	34	3	Average
	DB133-12-01.050A1-	1,05		15	59	17	36	3	Average
	DB133-12-01.100A1-	1,1		15	59	17	36	3	Average
	DB133-12-01.150A1-	1,15		17	59	19	34	3	Average
	DB133-12-01.191A1-	1,191	3/64"	17	59	19	34	3	Average
	DB133-12-01.200A1-	1,2		17	59	19	34	3	Average
	DB133-12-01.250A1-	1,25		17	59	19	34	3	Average
	DB133-12-01.300A1-	1,3		18	63	20	37	3	Average
	DB133-12-01.350A1-	1,35		19	63	22	35	3	Average
	DB133-12-01.400A1-	1,4		19	63	22	35	3	Average
	DB133-12-01.450A1-	1,45		20	63	23	34	3	Average
	DB133-12-01.500A1-	1,5		20	63	23	34	3	Average
	DB133-12-01.550A1-	1,55		22	67	25	37	3	Average
	DB133-12-01.588A1-	1,588	1/16"	22	67	25	37	3	Average
	DB133-12-01.600A1-	1,6		22	67	25	37	3	Average
	DB133-12-01.650A1-	1,65		23	67	26	36	3	Average
	DB133-12-01.700A1-	1,7		23	67	26	36	3	Average
	DB133-12-01.750A1-	1,75		25	67	28	34	3	Average
	DB133-12-01.800A1-	1,8		25	67	28	34	3	Average
	DB133-12-01.850A1-	1,85		26	72	29	38	3	Average
	DB133-12-01.900A1-	1,9		26	72	29	38	3	Average
	DB133-12-01.950A1-	1,95		28	72	31	36	3	Average
	DB133-12-01.984A1-	1,984	5/64"	28	72	31	36	3	Average
★	DB133-12-02.000A1-	2		28	72	31	36	3	Average
★	DB133-12-02.100A1-	2,1		29	72	33	35	3	Average
★	DB133-12-02.200A1-	2,2		30	72	34	34	3	Average
★	DB133-12-02.300A1-	2,3		32	77	36	37	3	Average
★	DB133-12-02.381A1-	2,381	3/32"	33	77	37	36	3	Average

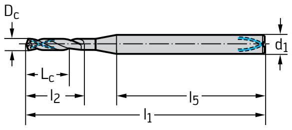
Ordering example for the grade WJ30ER: DB133-12-00.700A1-WJ30ER

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool



DIN 6535 HA

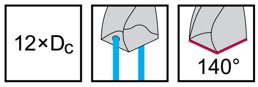
Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ER
★ DB133-12-02.400A1-	2,4		33	77	37	36	3	
★ DB133-12-02.500A1-	2,5		35	77	39	34	3	
★ DB133-12-02.600A1-	2,6		36	83	40	39	3	
★ DB133-12-02.700A1-	2,7		37	83	42	38	3	
★ DB133-12-02.778A1-	2,778	7/64"	38	83	43	37	3	
★ DB133-12-02.800A1-	2,8		38	83	43	37	3	
★ DB133-12-02.900A1-	2,9		40	83	45	35	3	

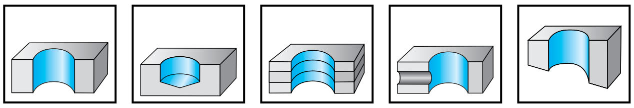
Ordering example for the grade WJ30ER: DB133-12-00.700A1-WJ30ER

Solid carbide drills with coolant-through

A6589DPP

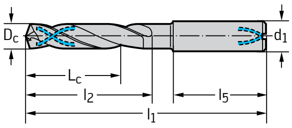
X·treme D12





	P	M	K	N	S	H	O
DPP	●●	●●	●●	●●	●●	●●	●

Tool



DIN 6535 HA

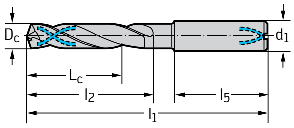
Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6589DPP-3	3		48	92	54	36	6
A6589DPP-3.1	3,1		48	92	54	36	6
A6589DPP-1/8IN	3,175	1/8"	48	92	54	36	6
A6589DPP-3.2	3,2		48	92	54	36	6
A6589DPP-3.3	3,3		48	92	54	36	6
A6589DPP-3.4	3,4		48	92	54	36	6
A6589DPP-3.5	3,5		48	92	54	36	6
A6589DPP-9/64IN	3,572	9/64"	48	92	54	36	6
A6589DPP-3.6	3,6		48	92	54	36	6
A6589DPP-3.7	3,7		48	92	54	36	6
A6589DPP-3.8	3,8		56	102	64	36	6
A6589DPP-3.9	3,9		56	102	64	36	6
A6589DPP-5/32IN	3,969	5/32"	56	102	64	36	6
A6589DPP-4	4		56	102	64	36	6
A6589DPP-4.1	4,1		56	102	64	36	6
A6589DPP-4.2	4,2		56	102	64	36	6
A6589DPP-4.3	4,3		56	102	64	36	6
A6589DPP-11/64IN	4,366	11/64"	56	102	64	36	6
A6589DPP-4.4	4,4		56	102	64	36	6
A6589DPP-4.5	4,5		56	102	64	36	6
A6589DPP-4.6	4,6		56	102	64	36	6
A6589DPP-4.7	4,7		56	102	64	36	6
A6589DPP-3/16IN	4,763	3/16"	74	121	83	36	6
A6589DPP-4.8	4,8		74	121	83	36	6
A6589DPP-4.9	4,9		74	121	83	36	6
A6589DPP-5	5		74	121	83	36	6
A6589DPP-5.1	5,1		74	121	83	36	6
A6589DPP-13/64IN	5,159	13/64"	74	121	83	36	6
A6589DPP-5.2	5,2		74	121	83	36	6
A6589DPP-5.3	5,3		74	121	83	36	6
A6589DPP-5.4	5,4		74	121	83	36	6
A6589DPP-5.5	5,5		74	121	83	36	6
A6589DPP-5.55	5,55		74	121	83	36	6
A6589DPP-7/32IN	5,556	7/32"	74	121	83	36	6
A6589DPP-5.6	5,6		74	121	83	36	6

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool



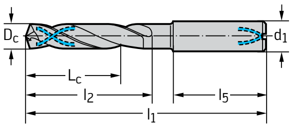
DIN 6535 HA

B1

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6
A6589DPP-5.7	5,7		74	121	83	36	6
A6589DPP-5.8	5,8		74	121	83	36	6
A6589DPP-5.9	5,9		74	121	83	36	6
A6589DPP-6	6		74	121	83	36	6
A6589DPP-6.1	6,1		98	148	110	36	8
A6589DPP-6.2	6,2		98	148	110	36	8
A6589DPP-6.3	6,3		98	148	110	36	8
A6589DPP-1/4IN	6,35	1/4"	98	148	110	36	8
A6589DPP-6.4	6,4		98	148	110	36	8
A6589DPP-6.5	6,5		98	148	110	36	8
A6589DPP-6.6	6,6		98	148	110	36	8
A6589DPP-6.7	6,7		98	148	110	36	8
A6589DPP-17/64IN	6,747	17/64"	98	148	110	36	8
A6589DPP-6.8	6,8		98	148	110	36	8
A6589DPP-6.9	6,9		98	148	110	36	8
A6589DPP-7	7		98	148	110	36	8
A6589DPP-7.1	7,1		98	148	110	36	8
A6589DPP-9/32IN	7,144	9/32"	98	148	110	36	8
A6589DPP-7.2	7,2		98	148	110	36	8
A6589DPP-7.3	7,3		98	148	110	36	8
A6589DPP-7.4	7,4		98	148	110	36	8
A6589DPP-7.5	7,5		98	148	110	36	8
A6589DPP-19/64IN	7,541	19/64"	98	148	110	36	8
A6589DPP-7.8	7,8		98	148	110	36	8
A6589DPP-7.9	7,9		98	148	110	36	8
A6589DPP-5/16IN	7,938	5/16"	98	148	110	36	8
A6589DPP-8	8		98	148	110	36	8
A6589DPP-8.1	8,1		123	180	138	40	10
A6589DPP-8.2	8,2		123	180	138	40	10
A6589DPP-8.3	8,3		123	180	138	40	10
A6589DPP-8.4	8,4		123	180	138	40	10
A6589DPP-8.5	8,5		123	180	138	40	10
A6589DPP-8.6	8,6		123	180	138	40	10
A6589DPP-8.7	8,7		123	180	138	40	10
A6589DPP-11/32IN	8,731	11/32"	123	180	138	40	10
A6589DPP-8.8	8,8		123	180	138	40	10
A6589DPP-9	9		123	180	138	40	10
A6589DPP-23/64IN	9,128	23/64"	123	180	138	40	10
A6589DPP-9.2	9,2		123	180	138	40	10
A6589DPP-9.3	9,3		123	180	138	40	10
A6589DPP-9.5	9,5		123	180	138	40	10
A6589DPP-3/8IN	9,525	3/8"	123	180	138	40	10
A6589DPP-9.6	9,6		123	180	138	40	10
A6589DPP-9.7	9,7		123	180	138	40	10
A6589DPP-9.8	9,8		123	180	138	40	10
A6589DPP-25/64IN	9,922	25/64"	123	180	138	40	10
A6589DPP-10	10		123	180	138	40	10
A6589DPP-10.1	10,1		140	206	158	45	12

B1

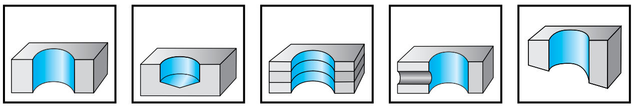
Tool

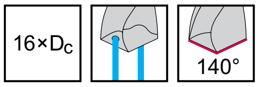


DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6
A6589DPP-10.2	10,2		140	206	158	45	12
A6589DPP-10.3	10,3		140	206	158	45	12
A6589DPP-13/32IN	10,319	13/32"	140	206	158	45	12
A6589DPP-10.4	10,4		140	206	158	45	12
A6589DPP-10.5	10,5		140	206	158	45	12
A6589DPP-27/64IN	10,716	27/64"	140	206	158	45	12
A6589DPP-10.8	10,8		140	206	158	45	12
A6589DPP-11	11		140	206	158	45	12
A6589DPP-11.1	11,1		140	206	158	45	12
A6589DPP-7/16IN	11,113	7/16"	140	206	158	45	12
A6589DPP-11.2	11,2		140	206	158	45	12
A6589DPP-11.5	11,5		140	206	158	45	12
A6589DPP-29/64IN	11,509	29/64"	140	206	158	45	12
A6589DPP-11.7	11,7		140	206	158	45	12
A6589DPP-11.8	11,8		140	206	158	45	12
A6589DPP-15/32IN	11,906	15/32"	140	206	158	45	12
A6589DPP-12	12		140	206	158	45	12
A6589DPP-12.1	12,1		168	230	182	45	14
A6589DPP-12.2	12,2		168	230	182	45	14
A6589DPP-12.3	12,3		168	230	182	45	14
A6589DPP-31/64IN	12,303	31/64"	168	230	182	45	14
A6589DPP-12.5	12,5		168	230	182	45	14
A6589DPP-12.6	12,6		168	230	182	45	14
A6589DPP-1/2IN	12,7	1/2"	168	230	182	45	14
A6589DPP-13	13		168	230	182	45	14
A6589DPP-17/32IN	13,494	17/32"	168	230	182	45	14
A6589DPP-13.5	13,5		168	230	182	45	14
A6589DPP-14	14		168	230	182	45	14
A6589DPP-9/16IN	14,288	9/16"	192	260	208	48	16
A6589DPP-14.5	14,5		192	260	208	48	16
A6589DPP-15	15		192	260	208	48	16
A6589DPP-15.5	15,5		192	260	208	48	16
A6589DPP-5/8IN	15,875	5/8"	192	260	208	48	16
A6589DPP-16	16		192	260	208	48	16
A6589DPP-16.5	16,5		216	285	234	48	18
A6589DPP-17	17		216	285	234	48	18
A6589DPP-17.5	17,5		216	285	234	48	18
A6589DPP-18	18		216	285	234	48	18
A6589DPP-18.5	18,5		238	310	258	50	20
A6589DPP-19	19		238	310	258	50	20
A6589DPP-19.5	19,5		238	310	258	50	20
A6589DPP-20	20		238	310	258	50	20

Solid carbide drills with coolant-through
DC170 Supreme

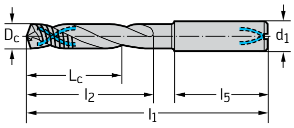




B1

	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-16-03.000A1-	3		52	89	57	28	4	
DC170-16-03.175A1-	3,175	1/8"	60	98	66	28	4	
DC170-16-03.500A1-	3,5		72	110	78	28	4	
DC170-16-03.572A1-	3,572	9/64"	72	110	78	28	4	
DC170-16-03.969A1-	3,969	5/32"	72	110	78	28	4	
DC170-16-04.000A1-	4		72	110	78	28	4	
DC170-16-04.500A1-	4,5		93	132	100	28	5	
DC170-16-04.763A1-	4,763	3/16"	92	132	100	28	5	
DC170-16-04.800A1-	4,8		92	132	100	28	5	
DC170-16-05.000A1-	5		92	132	100	28	5	
DC170-16-05.500A1-	5,5		101	150	110	36	6	
DC170-16-05.556A1-	5,556	7/32"	111	160	120	36	6	
DC170-16-05.800A1-	5,8		111	160	120	36	6	
DC170-16-06.000A1-	6		111	160	120	36	6	
DC170-16-06.100A1-	6,1		124	175	135	36	8	
DC170-16-06.350A1-	6,35	1/4"	124	175	135	36	8	
DC170-16-06.500A1-	6,5		124	175	135	36	8	
DC170-16-06.800A1-	6,8		124	175	135	36	8	
DC170-16-07.000A1-	7		124	175	135	36	8	
DC170-16-07.144A1-	7,144	9/32"	140	192	152	36	8	
DC170-16-07.400A1-	7,4		140	192	152	36	8	
DC170-16-07.500A1-	7,5		140	192	152	36	8	
DC170-16-07.938A1-	7,938	5/16"	140	192	152	36	8	
DC170-16-08.000A1-	8		140	192	152	36	8	
DC170-16-08.500A1-	8,5		148	206	162	40	10	
DC170-16-08.731A1-	8,731	11/32"	148	206	162	40	10	
DC170-16-09.000A1-	9		148	206	162	40	10	
DC170-16-09.525A1-	9,525	3/8"	165	224	180	40	10	
DC170-16-09.800A1-	9,8		165	224	180	40	10	
DC170-16-10.000A1-	10		165	224	180	40	10	
DC170-16-10.200A1-	10,2		181	247	198	45	12	
DC170-16-10.319A1-	10,319	13/32"	181	247	198	45	12	
DC170-16-11.000A1-	11		181	247	198	45	12	
DC170-16-11.113A1-	11,113	7/16"	198	265	216	45	12	
DC170-16-11.500A1-	11,5		198	265	216	45	12	

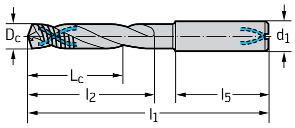
Ordering example for the grade WJ30EJ: DC170-16-03.000A1-WJ30EJ

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



DIN 6535 HA

Designation	h7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-16-11.800A1-	11,8		198	265	216	45	12	
DC170-16-11.906A1-	11,906	15/32"	198	265	216	45	12	
DC170-16-12.000A1-	12		198	265	216	45	12	
DC170-16-12.700A1-	12,7	1/2"	238	301	252	45	14	
DC170-16-13.000A1-	13		238	301	252	45	14	
DC170-16-14.000A1-	14		238	301	252	45	14	
DC170-16-14.288A1-	14,288	9/16"	272	340	288	48	16	
DC170-16-15.000A1-	15		272	340	288	48	16	
DC170-16-16.000A1-	16		272	340	288	48	16	

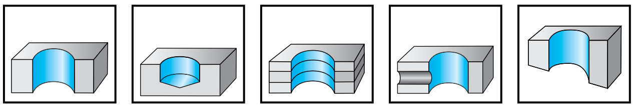
Ordering example for the grade WJ30EJ: DC170-16-03.000A1-WJ30EJ

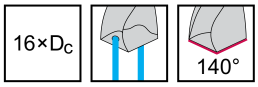
B1

Solid carbide drills with coolant-through

DC160 Advance

X·treme Evo

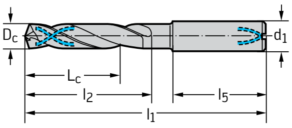




B1

	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-16-03.000A1-	3		52	89	57	28	4	😐
DC160-16-03.175A1-	3,175	1/8"	60	98	66	28	4	😐
DC160-16-03.500A1-	3,5		72	110	78	28	4	😐
DC160-16-03.572A1-	3,572	9/64"	72	110	78	28	4	😐
DC160-16-03.969A1-	3,969	5/32"	72	110	78	28	4	😐
DC160-16-04.000A1-	4		72	110	78	28	4	😐
DC160-16-04.500A1-	4,5		93	132	100	28	5	😐
DC160-16-04.763A1-	4,763	3/16"	92	132	100	28	5	😐
DC160-16-04.800A1-	4,8		92	132	100	28	5	😐
DC160-16-05.000A1-	5		92	132	100	28	5	😐
DC160-16-05.500A1-	5,5		101	150	110	36	6	😐
DC160-16-05.556A1-	5,556	7/32"	111	160	120	36	6	😐
DC160-16-05.800A1-	5,8		111	160	120	36	6	😐
DC160-16-06.000A1-	6		111	160	120	36	6	😐
DC160-16-06.100A1-	6,1		124	175	135	36	8	😐
DC160-16-06.350A1-	6,35	1/4"	124	175	135	36	8	😐
DC160-16-06.500A1-	6,5		124	175	135	36	8	😐
DC160-16-06.800A1-	6,8		124	175	135	36	8	😐
DC160-16-07.000A1-	7		124	175	135	36	8	😐
DC160-16-07.144A1-	7,144	9/32"	140	192	152	36	8	😐
DC160-16-07.400A1-	7,4		140	192	152	36	8	😐
DC160-16-07.500A1-	7,5		140	192	152	36	8	😐
DC160-16-07.938A1-	7,938	5/16"	140	192	152	36	8	😐
DC160-16-08.000A1-	8		140	192	152	36	8	😐
DC160-16-08.300A1-	8,3		148	206	162	40	10	😐
DC160-16-08.500A1-	8,5		148	206	162	40	10	😐
DC160-16-08.731A1-	8,731	11/32"	148	206	162	40	10	😐
DC160-16-09.000A1-	9		148	206	162	40	10	😐
DC160-16-09.525A1-	9,525	3/8"	165	224	180	40	10	😐
DC160-16-09.800A1-	9,8		165	224	180	40	10	😐
DC160-16-10.000A1-	10		165	224	180	40	10	😐
DC160-16-10.200A1-	10,2		181	247	198	45	12	😐
DC160-16-10.319A1-	10,319	13/32"	181	247	198	45	12	😐
DC160-16-11.000A1-	11		181	247	198	45	12	😐
DC160-16-11.113A1-	11,113	7/16"	198	265	216	45	12	😐

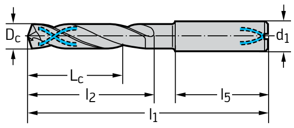
Ordering example for the grade WJ30EU: DC160-16-03.000A1-WJ30EU

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

Tool



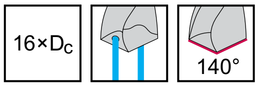
DIN 6535 HA

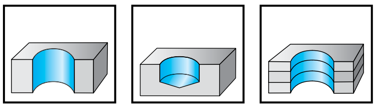
Designation	h7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-16-11.500A1-	11,5		198	265	216	45	12	
DC160-16-11.800A1-	11,8		198	265	216	45	12	
DC160-16-11.906A1-	11,906	15/32"	198	265	216	45	12	
DC160-16-12.000A1-	12		198	265	216	45	12	
DC160-16-12.700A1-	12,7	1/2"	238	301	252	45	14	
DC160-16-13.000A1-	13		238	301	252	45	14	
DC160-16-14.000A1-	14		238	301	252	45	14	
DC160-16-14.288A1-	14,288	9/16"	272	340	288	48	16	
DC160-16-15.000A1-	15		272	340	288	48	16	
DC160-16-16.000A1-	16		272	340	288	48	16	

Ordering example for the grade WJ30EU: DC160-16-03.000A1-WJ30EU

B1

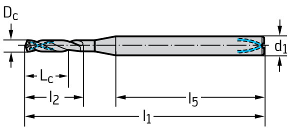
Solid carbide micro drills with coolant-through
DB133 Supreme





	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ER
★ DB133-16-02.000A1-	2		36	81	39	37	3	
★ DB133-16-02.100A1-	2,1		37	81	41	36	3	
★ DB133-16-02.200A1-	2,2		39	81	43	34	3	
★ DB133-16-02.300A1-	2,3		41	87	45	38	3	
★ DB133-16-02.381A1-	2,381	3/32"	43	87	47	36	3	
★ DB133-16-02.400A1-	2,4		43	87	47	36	3	
★ DB133-16-02.500A1-	2,5		45	87	49	34	3	
★ DB133-16-02.600A1-	2,6		47	95	51	40	3	
★ DB133-16-02.700A1-	2,7		48	95	53	39	3	
★ DB133-16-02.778A1-	2,778	7/64"	50	95	55	37	3	
★ DB133-16-02.800A1-	2,8		50	95	55	37	3	
★ DB133-16-02.900A1-	2,9		52	95	57	35	3	

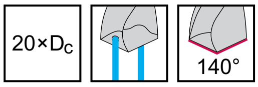
Ordering example for the grade WJ30ER: DB133-16-02.000A1-WJ30ER

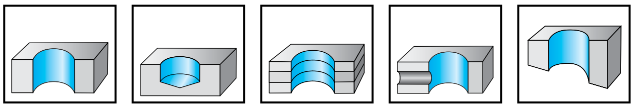
WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

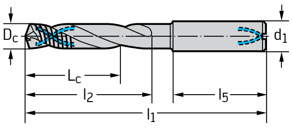
Solid carbide drills with coolant-through
DC170 Supreme





	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-20-03.000A1-	3		60	97	65	28	4	
DC170-20-03.175A1-	3,175	1/8"	74	112	80	28	4	
DC170-20-03.500A1-	3,5		86	124	92	28	4	
DC170-20-03.572A1-	3,572	9/64"	86	124	92	28	4	
DC170-20-03.969A1-	3,969	5/32"	86	124	92	28	4	
DC170-20-04.000A1-	4		86	124	92	28	4	
DC170-20-04.500A1-	4,5		111	150	118	28	5	
DC170-20-04.763A1-	4,763	3/16"	110	150	118	28	5	
DC170-20-04.800A1-	4,8		110	150	118	28	5	
DC170-20-05.000A1-	5		110	150	118	28	5	
DC170-20-05.500A1-	5,5		123	170	132	36	6	
DC170-20-05.556A1-	5,556	7/32"	135	182	144	36	6	
DC170-20-05.800A1-	5,8		135	182	144	36	6	
DC170-20-06.000A1-	6		135	182	144	36	6	
DC170-20-06.100A1-	6,1		151	200	162	36	8	
DC170-20-06.350A1-	6,35	1/4"	151	200	162	36	8	
DC170-20-06.500A1-	6,5		151	200	162	36	8	
DC170-20-06.800A1-	6,8		151	200	162	36	8	
DC170-20-07.000A1-	7		151	200	162	36	8	
DC170-20-07.144A1-	7,144	9/32"	172	222	184	36	8	
DC170-20-07.400A1-	7,4		172	222	184	36	8	
DC170-20-07.500A1-	7,5		172	222	184	36	8	
DC170-20-07.938A1-	7,938	5/16"	172	222	184	36	8	
DC170-20-08.000A1-	8		172	222	184	36	8	
DC170-20-08.300A1-	8,3		184	240	198	40	10	
DC170-20-08.500A1-	8,5		184	240	198	40	10	
DC170-20-08.731A1-	8,731	11/32"	184	240	198	40	10	
DC170-20-09.000A1-	9		184	240	198	40	10	
DC170-20-09.525A1-	9,525	3/8"	205	262	220	40	10	
DC170-20-09.800A1-	9,8		205	262	220	40	10	
DC170-20-10.000A1-	10		205	262	220	40	10	
DC170-20-10.200A1-	10,2		225	289	242	45	12	
DC170-20-10.319A1-	10,319	13/32"	225	289	242	45	12	
DC170-20-11.000A1-	11		225	289	242	45	12	
DC170-20-11.113A1-	11,113	7/16"	246	311	264	45	12	

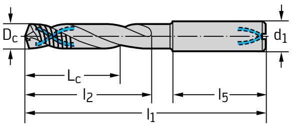
Ordering example for the grade WJ30EJ: DC170-20-03.000A1-WJ30EJ

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

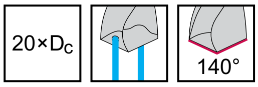


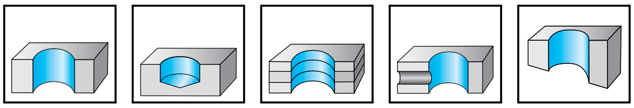
DIN 6535 HA

Designation	h7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-20-11.500A1-	11,5		246	311	264	45	12	
DC170-20-11.800A1-	11,8		246	311	264	45	12	
DC170-20-12.000A1-	12		246	311	264	45	12	
DC170-20-12.700A1-	12,7	1/2"	294	357	308	45	14	
DC170-20-13.000A1-	13		294	357	308	45	14	
DC170-20-14.000A1-	14		294	357	308	45	14	
DC170-20-14.288A1-	14,288	9/16"	336	404	352	48	16	
DC170-20-15.000A1-	15		336	404	352	48	16	
DC170-20-16.000A1-	16		336	404	352	48	16	

Ordering example for the grade WJ30EJ: DC170-20-03.000A1-WJ30EJ

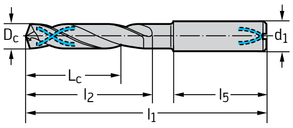
Solid carbide drills with coolant-through
DC160 Advance
X·treme Evo





	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-20-03.000A1-	3		60	97	65	28	4	☺
DC160-20-03.175A1-	3,175	1/8"	74	112	80	28	4	☺
DC160-20-03.500A1-	3,5		86	124	92	28	4	☺
DC160-20-03.572A1-	3,572	9/64"	86	124	92	28	4	☺
DC160-20-03.969A1-	3,969	5/32"	86	124	92	28	4	☺
DC160-20-04.000A1-	4		86	124	92	28	4	☺
DC160-20-04.500A1-	4,5		111	150	118	28	5	☺
DC160-20-04.763A1-	4,763	3/16"	110	150	118	28	5	☺
DC160-20-04.800A1-	4,8		110	150	118	28	5	☺
DC160-20-05.000A1-	5		110	150	118	28	5	☺
DC160-20-05.500A1-	5,5		123	170	132	36	6	☺
DC160-20-05.556A1-	5,556	7/32"	135	182	144	36	6	☺
DC160-20-05.800A1-	5,8		135	182	144	36	6	☺
DC160-20-06.000A1-	6		135	182	144	36	6	☺
DC160-20-06.100A1-	6,1		151	200	162	36	8	☺
DC160-20-06.350A1-	6,35	1/4"	151	200	162	36	8	☺
DC160-20-06.500A1-	6,5		151	200	162	36	8	☺
DC160-20-06.800A1-	6,8		151	200	162	36	8	☺
DC160-20-07.000A1-	7		151	200	162	36	8	☺
DC160-20-07.144A1-	7,144	9/32"	172	222	184	36	8	☺
DC160-20-07.400A1-	7,4		172	222	184	36	8	☺
DC160-20-07.500A1-	7,5		172	222	184	36	8	☺
DC160-20-07.938A1-	7,938	5/16"	172	222	184	36	8	☺
DC160-20-08.000A1-	8		172	222	184	36	8	☺
DC160-20-08.300A1-	8,3		184	240	198	40	10	☺
DC160-20-08.500A1-	8,5		184	240	198	40	10	☺
DC160-20-08.731A1-	8,731	11/32"	184	240	198	40	10	☺
DC160-20-09.000A1-	9		184	240	198	40	10	☺
DC160-20-09.525A1-	9,525	3/8"	205	262	220	40	10	☺
DC160-20-09.800A1-	9,8		205	262	220	40	10	☺
DC160-20-10.000A1-	10		205	262	220	40	10	☺
DC160-20-10.200A1-	10,2		225	289	242	45	12	☺
DC160-20-10.319A1-	10,319	13/32"	225	289	242	45	12	☺
DC160-20-11.000A1-	11		225	289	242	45	12	☺
DC160-20-11.113A1-	11,113	7/16"	246	311	264	45	12	☺

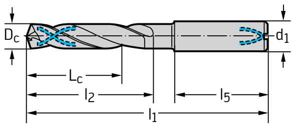
Ordering example for the grade WJ30EU: DC160-20-03.000A1-WJ30EU

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool

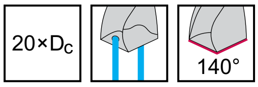


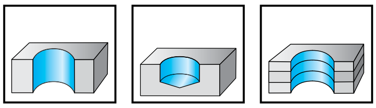
DIN 6535 HA

Designation	h7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-20-11.500A1-	11,5		246	311	264	45	12	●
DC160-20-11.800A1-	11,8		246	311	264	45	12	●
DC160-20-11.906A1-	11,906	15/32"	246	311	264	45	12	●
DC160-20-12.000A1-	12		246	311	264	45	12	●
DC160-20-12.700A1-	12,7	1/2"	294	357	308	45	14	●
DC160-20-13.000A1-	13		294	357	308	45	14	●
DC160-20-14.000A1-	14		294	357	308	45	14	●
DC160-20-14.288A1-	14,288	9/16"	336	404	352	48	16	●
DC160-20-15.000A1-	15		336	404	352	48	16	●
DC160-20-16.000A1-	16		336	404	352	48	16	●

Ordering example for the grade WJ30EU: DC160-20-03.000A1-WJ30EU

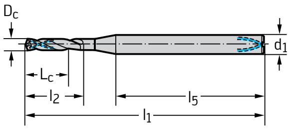
Solid carbide micro drills with coolant-through
DB133 Supreme





	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ER
★ DB133-20-02.000A1-	2		44	90	47	38	3	
★ DB133-20-02.100A1-	2,1		45	90	49	37	3	
★ DB133-20-02.200A1-	2,2		48	90	52	34	3	
★ DB133-20-02.300A1-	2,3		50	97	54	39	3	
★ DB133-20-02.381A1-	2,381	3/32"	52	97	56	37	3	
★ DB133-20-02.400A1-	2,4		52	97	56	37	3	
★ DB133-20-02.500A1-	2,5		55	97	59	34	3	
★ DB133-20-02.600A1-	2,6		57	107	61	42	3	
★ DB133-20-02.700A1-	2,7		58	107	63	41	3	
★ DB133-20-02.778A1-	2,778	7/64"	61	107	66	38	3	
★ DB133-20-02.800A1-	2,8		61	107	66	38	3	
★ DB133-20-02.900A1-	2,9		63	107	68	36	3	

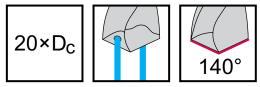
Ordering example for the grade WJ30ER: DB133-20-02.000A1-WJ30ER

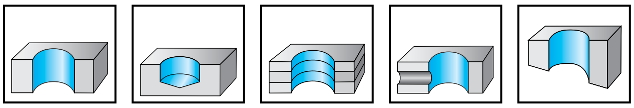
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide drills with coolant-through
A6794TFP
X·treme DH20

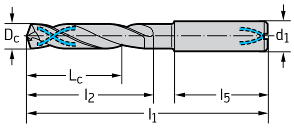




B1

	P	M	K	N	S	H	O
TFP	●●	●	●	●	●	●	

Tool



DIN 6535 HA

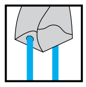
Designation	h7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6794TFP-3	3		60	107	65	36	6
A6794TFP-1/8IN	3,175	1/8"	86	134	92	36	6
A6794TFP-3.5	3,5		86	134	92	36	6
A6794TFP-9/64IN	3,572	9/64"	86	134	92	36	6
A6794TFP-5/32IN	3,969	5/32"	86	134	92	36	6
A6794TFP-4	4		86	134	92	36	6
A6794TFP-4.5	4,5		110	158	118	36	6
A6794TFP-3/16IN	4,763	3/16"	110	158	118	36	6
A6794TFP-4.8	4,8		110	158	118	36	6
A6794TFP-5	5		110	158	118	36	6
A6794TFP-5.5	5,5		123	170	132	36	6
A6794TFP-7/32IN	5,556	7/32"	135	182	144	36	6
A6794TFP-6	6		135	182	144	36	6
A6794TFP-6.1	6,1		151	200	162	36	8
A6794TFP-1/4IN	6,35	1/4"	151	200	162	36	8
A6794TFP-6.5	6,5		151	200	162	36	8
A6794TFP-6.8	6,8		151	200	162	36	8
A6794TFP-7	7		151	200	162	36	8
A6794TFP-9/32IN	7,144	9/32"	172	222	184	36	8
A6794TFP-7.5	7,5		172	222	184	36	8
A6794TFP-5/16IN	7,938	5/16"	172	222	184	36	8
A6794TFP-8	8		172	222	184	36	8
A6794TFP-8.3	8,3		184	240	198	40	10
A6794TFP-8.5	8,5		184	240	198	40	10
A6794TFP-11/32IN	8,731	11/32"	184	240	198	40	10
A6794TFP-9	9		184	240	198	40	10
A6794TFP-3/8IN	9,525	3/8"	205	262	220	40	10
A6794TFP-9.8	9,8		205	262	220	40	10
A6794TFP-10	10		205	262	220	40	10

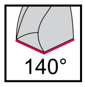
WALTER SELECT

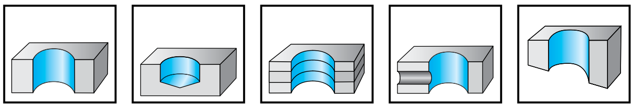
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide drills with coolant-through
DC170 Supreme

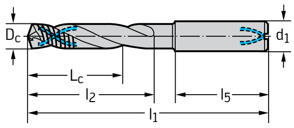






	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	h7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-25-03.000A1-	3		79	119	84	28	4	😐
DC170-25-03.175A1-	3,175	1/8"	96	148	102	28	4	😐
DC170-25-03.500A1-	3,5		108	148	114	28	4	😐
DC170-25-03.572A1-	3,572	9/64"	108	148	114	28	4	😐
DC170-25-03.969A1-	3,969	5/32"	108	148	114	28	4	😐
DC170-25-04.000A1-	4		108	148	114	28	4	😐
DC170-25-04.500A1-	4,5		138	177	145	28	5	😐
DC170-25-04.763A1-	4,763	3/16"	137	177	145	28	5	😐
DC170-25-04.800A1-	4,8		137	177	145	28	5	😐
DC170-25-05.000A1-	5		137	177	145	28	5	😐
DC170-25-05.500A1-	5,5		151	200	160	36	6	😐
DC170-25-05.556A1-	5,556	7/32"	165	214	174	36	6	😐
DC170-25-06.000A1-	6		165	214	174	36	6	😐
DC170-25-06.350A1-	6,35	1/4"	183	234	194	36	8	😐
DC170-25-06.500A1-	6,5		183	234	194	36	8	😐
DC170-25-06.800A1-	6,8		183	234	194	36	8	😐
DC170-25-07.000A1-	7		183	234	194	36	8	😐
DC170-25-07.144A1-	7,144	9/32"	208	260	220	36	8	😐
DC170-25-07.938A1-	7,938	5/16"	208	260	220	36	8	😐
DC170-25-08.000A1-	8		208	260	220	36	8	😐
DC170-25-08.500A1-	8,5		229	289	243	40	10	😐
DC170-25-08.731A1-	8,731	11/32"	229	289	243	40	10	😐
DC170-25-09.000A1-	9		229	289	243	40	10	😐
DC170-25-09.525A1-	9,525	3/8"	255	314	270	40	10	😐
DC170-25-10.000A1-	10		255	314	270	40	10	😐
DC170-25-10.200A1-	10,2		280	346	297	45	12	😐
DC170-25-11.000A1-	11		280	346	297	45	12	😐
DC170-25-11.113A1-	11,113	7/16"	306	373	324	45	12	😐
DC170-25-12.000A1-	12		306	373	324	45	12	😐

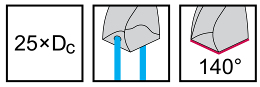
Ordering example for the grade WJ30EJ: DC170-25-03.000A1-WJ30EJ

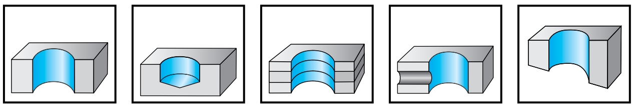
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

Solid carbide drills with coolant-through
DC160 Advance
X·treme Evo

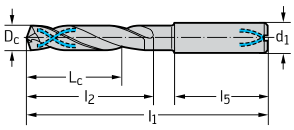




B1

	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-25-03.000A1-	3		79	119	84	28	4	Average
DC160-25-03.175A1-	3,175	1/8"	96	148	102	28	4	Average
DC160-25-03.500A1-	3,5		108	148	114	28	4	Average
DC160-25-03.572A1-	3,572	9/64"	108	148	114	28	4	Average
DC160-25-03.969A1-	3,969	5/32"	108	148	114	28	4	Average
DC160-25-04.000A1-	4		108	148	114	28	4	Average
DC160-25-04.500A1-	4,5		138	177	145	28	5	Average
DC160-25-04.763A1-	4,763	3/16"	137	177	145	28	5	Average
DC160-25-04.800A1-	4,8		137	177	145	28	5	Average
DC160-25-05.000A1-	5		137	177	145	28	5	Average
DC160-25-05.500A1-	5,5		151	200	160	36	6	Average
DC160-25-05.556A1-	5,556	7/32"	165	214	174	36	6	Average
DC160-25-05.800A1-	5,8		165	214	174	36	6	Average
DC160-25-06.000A1-	6		165	214	174	36	6	Average
DC160-25-06.100A1-	6,1		183	234	194	36	8	Average
DC160-25-06.350A1-	6,35	1/4"	183	234	194	36	8	Average
DC160-25-06.500A1-	6,5		183	234	194	36	8	Average
DC160-25-06.800A1-	6,8		183	234	194	36	8	Average
DC160-25-07.000A1-	7		183	234	194	36	8	Average
DC160-25-07.144A1-	7,144	9/32"	208	260	220	36	8	Average
DC160-25-07.400A1-	7,4		208	260	220	36	8	Average
DC160-25-07.500A1-	7,5		208	260	220	36	8	Average
DC160-25-07.938A1-	7,938	5/16"	208	260	220	36	8	Average
DC160-25-08.000A1-	8		208	260	220	36	8	Average
DC160-25-08.300A1-	8,3		229	289	243	40	10	Average
DC160-25-08.500A1-	8,5		229	289	243	40	10	Average
DC160-25-08.731A1-	8,731	11/32"	229	289	243	40	10	Average
DC160-25-09.000A1-	9		229	289	243	40	10	Average
DC160-25-09.525A1-	9,525	3/8"	255	314	270	40	10	Average
DC160-25-09.800A1-	9,8		255	314	270	40	10	Average
DC160-25-10.000A1-	10		255	314	270	40	10	Average
DC160-25-10.200A1-	10,2		280	346	297	45	12	Average
DC160-25-10.319A1-	10,319	13/32"	280	346	297	45	12	Average
DC160-25-11.000A1-	11		280	346	297	45	12	Average
DC160-25-11.113A1-	11,113	7/16"	306	373	324	45	12	Average

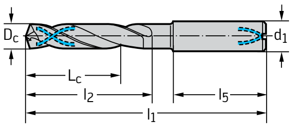
Ordering example for the grade WJ30EU: DC160-25-03.000A1-WJ30EU

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

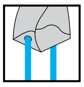
Tool

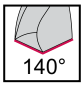
	Designation	h7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
	DC160-25-11.500A1-	11,5		306	373	324	45	12	●
	DC160-25-11.800A1-	11,8		306	373	324	45	12	●
	DC160-25-11.906A1-	11,906	15/32"	306	373	324	45	12	●
DIN 6535 HA	DC160-25-12.000A1-	12		306	373	324	45	12	●

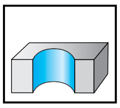
Ordering example for the grade WJ30EU: DC160-25-03.000A1-WJ30EU

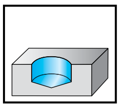
B 1

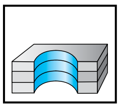
Solid carbide micro drills with coolant-through
DB133 Supreme





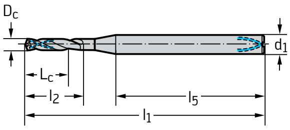






	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	h7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30ER
★ DB133-25-02.000A1-	2		54	101	57	39	3	
★ DB133-25-02.100A1-	2,1		56	101	60	37	3	
★ DB133-25-02.200A1-	2,2		59	101	63	34	3	
★ DB133-25-02.300A1-	2,3		62	107	66	37	3	
★ DB133-25-02.381A1-	2,381	3/32"	64	107	68	35	3	
★ DB133-25-02.400A1-	2,4		64	107	68	35	3	
★ DB133-25-02.500A1-	2,5		67	107	71	32	3	
★ DB133-25-02.600A1-	2,6		70	122	74	44	3	
★ DB133-25-02.700A1-	2,7		72	122	77	41	3	
★ DB133-25-02.778A1-	2,778	7/64"	75	122	80	38	3	
★ DB133-25-02.800A1-	2,8		75	122	80	38	3	
★ DB133-25-02.900A1-	2,9		78	122	83	36	3	

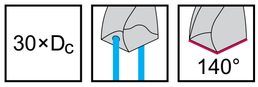
Ordering example for the grade WJ30ER: DB133-25-02.000A1-WJ30ER

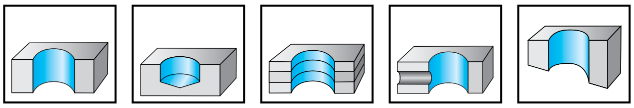
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

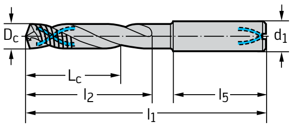
Solid carbide drills with coolant-through
DC170 Supreme





	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EJ
DC170-30-03.000A1-	3		92	132	97	28	4	☺
DC170-30-03.175A1-	3,175	1/8"	114	166	120	28	4	☺
DC170-30-03.500A1-	3,5		127	166	133	28	4	☺
DC170-30-04.000A1-	4		127	166	133	28	4	☺
DC170-30-04.500A1-	4,5		162	200	169	28	5	☺
DC170-30-04.763A1-	4,763	3/16"	161	200	169	28	5	☺
DC170-30-04.800A1-	4,8		161	200	169	28	5	☺
DC170-30-05.000A1-	5		161	200	169	28	5	☺
DC170-30-05.500A1-	5,5		178	225	187	36	6	☺
DC170-30-06.000A1-	6		195	242	204	36	6	☺
DC170-30-06.350A1-	6,35	1/4"	217	268	228	36	8	☺
DC170-30-06.500A1-	6,5		217	268	228	36	8	☺
DC170-30-06.800A1-	6,8		217	268	228	36	8	☺
DC170-30-07.000A1-	7		217	268	228	36	8	☺
DC170-30-07.400A1-	7,4		244	294	256	36	8	☺
DC170-30-07.938A1-	7,938	5/16"	244	294	256	36	8	☺
DC170-30-08.000A1-	8		244	294	256	36	8	☺
DC170-30-08.500A1-	8,5		273	330	287	40	10	☺
DC170-30-08.731A1-	8,731	11/32"	273	330	287	40	10	☺
DC170-30-09.000A1-	9		273	330	287	40	10	☺
DC170-30-09.525A1-	9,525	3/8"	305	364	320	40	10	☺
DC170-30-10.000A1-	10		305	364	320	40	10	☺
DC170-30-10.200A1-	10,2		335	401	352	45	12	☺
DC170-30-11.000A1-	11		335	401	352	45	12	☺
DC170-30-11.113A1-	11,113	7/16"	364	430	382	45	12	☺
DC170-30-12.000A1-	12		364	430	382	45	12	☺

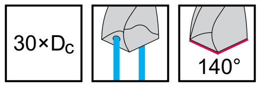
Ordering example for the grade WJ30EJ: DC170-30-03.000A1-WJ30EJ

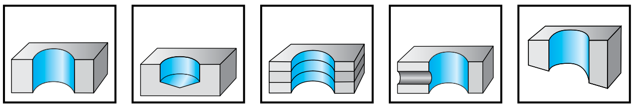
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☺ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through
DC160 Advance
X·treme Evo

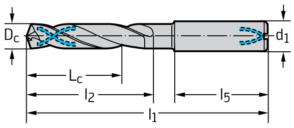




B1

	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-30-03.000A1-	3		92	132	97	28	4	😐
DC160-30-03.175A1-	3,175	1/8"	114	166	120	28	4	😐
DC160-30-03.500A1-	3,5		127	166	133	28	4	😐
DC160-30-03.572A1-	3,572	9/64"	127	166	133	28	4	😐
DC160-30-03.969A1-	3,969	5/32"	127	166	133	28	4	😐
DC160-30-04.000A1-	4		127	166	133	28	4	😐
DC160-30-04.500A1-	4,5		162	200	169	28	5	😐
DC160-30-04.763A1-	4,763	3/16"	161	200	169	28	5	😐
DC160-30-04.800A1-	4,8		161	200	169	28	5	😐
DC160-30-05.000A1-	5		161	200	169	28	5	😐
DC160-30-05.500A1-	5,5		178	225	187	36	6	😐
DC160-30-05.556A1-	5,556	7/32"	195	242	204	36	6	😐
DC160-30-05.800A1-	5,8		195	242	204	36	6	😐
DC160-30-06.000A1-	6		195	242	204	36	6	😐
DC160-30-06.100A1-	6,1		217	268	228	36	8	😐
DC160-30-06.350A1-	6,35	1/4"	217	268	228	36	8	😐
DC160-30-06.500A1-	6,5		217	268	228	36	8	😐
DC160-30-06.800A1-	6,8		217	268	228	36	8	😐
DC160-30-07.000A1-	7		217	268	228	36	8	😐
DC160-30-07.144A1-	7,144	9/32"	244	294	256	36	8	😐
DC160-30-07.400A1-	7,4		244	294	256	36	8	😐
DC160-30-07.500A1-	7,5		244	294	256	36	8	😐
DC160-30-07.938A1-	7,938	5/16"	244	294	256	36	8	😐
DC160-30-08.000A1-	8		244	294	256	36	8	😐
DC160-30-08.300A1-	8,3		273	330	287	40	10	😐
DC160-30-08.500A1-	8,5		273	330	287	40	10	😐
DC160-30-08.731A1-	8,731	11/32"	273	330	287	40	10	😐
DC160-30-09.000A1-	9		273	330	287	40	10	😐
DC160-30-09.525A1-	9,525	3/8"	305	364	320	40	10	😐
DC160-30-09.800A1-	9,8		305	364	320	40	10	😐
DC160-30-10.000A1-	10		305	364	320	40	10	😐
DC160-30-10.200A1-	10,2		335	401	352	45	12	😐
DC160-30-10.319A1-	10,319	13/32"	335	401	352	45	12	😐
DC160-30-11.000A1-	11		335	401	352	45	12	😐
DC160-30-11.113A1-	11,113	7/16"	364	430	382	45	12	😐

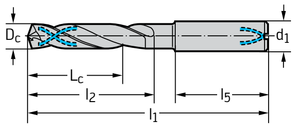
Ordering example for the grade WJ30EU: DC160-30-03.000A1-WJ30EU

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

Tool



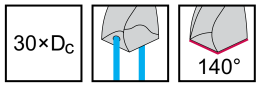
DIN 6535 HA

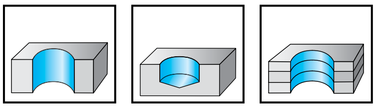
Designation	h7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EU
DC160-30-11.500A1-	11,5		364	430	382	45	12	
DC160-30-11.800A1-	11,8		364	430	382	45	12	
DC160-30-11.906A1-	11,906	15/32"	364	430	382	45	12	
DC160-30-12.000A1-	12		364	430	382	45	12	

Ordering example for the grade WJ30EU: DC160-30-03.000A1-WJ30EU

B 1

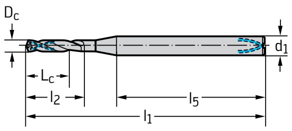
Solid carbide micro drills with coolant-through
DB133 Supreme





	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●●	●	●

Tool



DIN 6535 HA

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ER
★ DB133-30-02.000A1-	2		64	112	67	40	3	
★ DB133-30-02.100A1-	2,1		66	112	70	38	3	
★ DB133-30-02.200A1-	2,2		70	112	74	34	3	
★ DB133-30-02.300A1-	2,3		73	122	77	41	3	
★ DB133-30-02.381A1-	2,381	3/32“	76	122	80	38	3	
★ DB133-30-02.400A1-	2,4		76	122	80	38	3	
★ DB133-30-02.500A1-	2,5		80	122	84	34	3	
★ DB133-30-02.600A1-	2,6		83	136	87	45	3	
★ DB133-30-02.700A1-	2,7		85	136	90	42	3	
★ DB133-30-02.778A1-	2,778	7/64“	89	136	94	38	3	
★ DB133-30-02.800A1-	2,8		89	136	94	38	3	
★ DB133-30-02.900A1-	2,9		92	136	97	36	3	

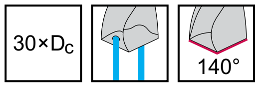
Ordering example for the grade WJ30ER: DB133-30-02.000A1-WJ30ER

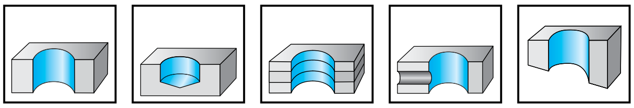
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

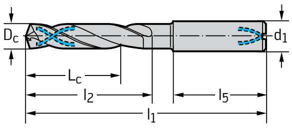
Solid carbide drills with coolant-through
A6994TFP
X·treme DH30





	P	M	K	N	S	H	O
TFP	●●	●	●	●	●	●	

Tool



DIN 6535 HA

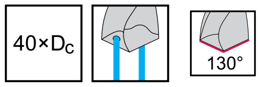
Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A6994TFP-3	3		92	140	97	36	6
A6994TFP-1/8IN	3,175	1/8"	127	174	133	36	6
A6994TFP-3.5	3,5		127	174	133	36	6
A6994TFP-9/64IN	3,572	9/64"	127	174	133	36	6
A6994TFP-5/32IN	3,969	5/32"	127	174	133	36	6
A6994TFP-4	4		127	174	133	36	6
A6994TFP-4.5	4,5		161	208	169	36	6
A6994TFP-3/16IN	4,763	3/16"	161	208	169	36	6
A6994TFP-4.8	4,8		161	208	169	36	6
A6994TFP-5	5		161	208	169	36	6
A6994TFP-5.5	5,5		178	225	187	36	6
A6994TFP-7/32IN	5,556	7/32"	195	242	204	36	6
A6994TFP-6	6		195	242	204	36	6
A6994TFP-1/4IN	6,35	1/4"	217	268	228	36	8
A6994TFP-6.5	6,5		217	268	228	36	8
A6994TFP-6.8	6,8		217	268	228	36	8
A6994TFP-7	7		217	268	228	36	8
A6994TFP-8	8		244	294	256	36	8
A6994TFP-8.3	8,3		273	330	287	40	10
A6994TFP-8.5	8,5		273	330	287	40	10
A6994TFP-11/32IN	8,731	11/32"	273	330	287	40	10
A6994TFP-9	9		273	330	287	40	10
A6994TFP-10	10		305	364	320	40	10

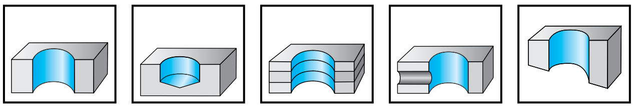
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide drills with coolant-through
A7495TTP
X·treme D40

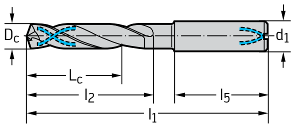




B1

	P	M	K	N	S	H	O
TTP	●●	●	●●	●●			

Tool



DIN 6535 HA

Designation	e7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A7495TTP-3	3		134	172	139	28	4
A7495TTP-1/8IN	3,175	1/8"	134	172	139	28	4
A7495TTP-3.5	3,5		150	188	156	28	4
A7495TTP-9/64IN	3,572	9/64"	150	188	156	28	4
A7495TTP-5/32IN	3,969	5/32"	168	206	174	28	4
A7495TTP-4	4		168	206	174	28	4
A7495TTP-4.5	4,5		188	228	195	28	5
A7495TTP-3/16IN	4,763	3/16"	209	249	217	28	5
A7495TTP-4.8	4,8		209	249	217	28	5
A7495TTP-5	5		209	249	217	28	5
A7495TTP-5.5	5,5		230	279	239	36	6
A7495TTP-7/32IN	5,556	7/32"	248	297	257	36	6
A7495TTP-5.8	5,8		248	297	257	36	6
A7495TTP-6	6		248	297	257	36	6
A7495TTP-6.1	6,1		272	324	282	36	8
A7495TTP-1/4IN	6,35	1/4"	272	324	282	36	8
A7495TTP-6.5	6,5		272	324	282	36	8
A7495TTP-6.8	6,8		287	339	298	36	8
A7495TTP-7	7		287	339	298	36	8
A7495TTP-9/32IN	7,144	9/32"	313	366	325	36	8
A7495TTP-7.5	7,5		313	366	325	36	8
A7495TTP-5/16IN	7,938	5/16"	330	382	342	36	8
A7495TTP-8	8		330	382	342	36	8
A7495TTP-8.5	8,5		356	415	369	40	10
A7495TTP-11/32IN	8,731	11/32"	371	430	385	40	10
A7495TTP-9	9		371	430	385	40	10
A7495TTP-3/8IN	9,525	3/8"	418	477	412	40	10
A7495TTP-9.8	9,8		418	477	433	40	10
A7495TTP-10	10		418	477	433	40	10
A7495TTP-10.2	10,2		460	528	477	45	12
A7495TTP-11	11		460	528	477	45	12

WALTER SELECT

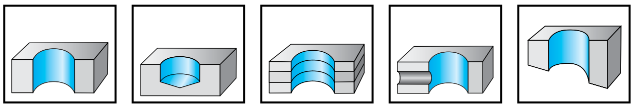
●● Primary application ● Other application

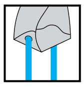
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

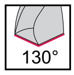
Solid carbide drills with coolant-through

A7595TTP

X·treme D50

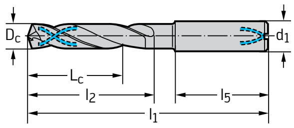






	P	M	K	N	S	H	O
TTP	●●	●	●●	●●			

Tool



DIN 6535 HA

Designation	D_c e7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6
A7595TTP-3	3		166	204	171	28	4
A7595TTP-1/8IN	3,175	1/8"	166	204	171	28	4
A7595TTP-3.5	3,5		186	224	192	28	4
A7595TTP-9/64IN	3,572	9/64"	186	224	192	28	4
A7595TTP-5/32IN	3,969	5/32"	203	239	209	28	4
A7595TTP-4	4		203	239	209	28	4
A7595TTP-4.5	4,5		233	273	240	28	5
A7595TTP-3/16IN	4,763	3/16"	259	299	267	28	5
A7595TTP-4.8	4,8		259	299	267	28	5
A7595TTP-5	5		259	299	267	28	5
A7595TTP-5.5	5,5		285	334	294	36	6
A7595TTP-7/32IN	5,556	7/32"	308	357	317	36	6
A7595TTP-6	6		308	357	317	36	6
A7595TTP-6.1	6,1		337	389	347	36	8
A7595TTP-1/4IN	6,35	1/4"	337	389	347	36	8
A7595TTP-6.5	6,5		337	389	347	36	8
A7595TTP-6.8	6,8		357	409	368	36	8
A7595TTP-7	7		357	409	368	36	8
A7595TTP-5/16IN	7,938	5/16"	410	462	422	36	8
A7595TTP-8	8		410	462	422	36	8
A7595TTP-8.3	8,3		441	500	454	40	10
A7595TTP-8.5	8,5		441	500	454	40	10
A7595TTP-11/32IN	8,731	11/32"	466	525	480	40	10
A7595TTP-9	9		466	525	480	40	10

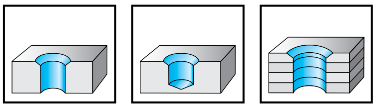
WALTER SELECT

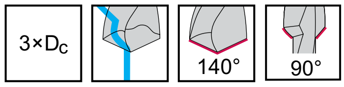
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide twist drills
DC260 Advance
X·treme Evo

– Step length in accordance with DIN 8378
– For threaded core hole drilling

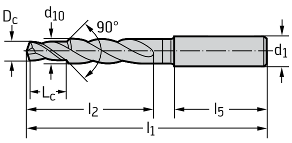
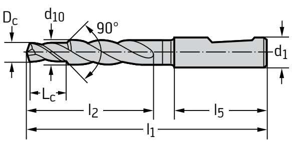




B1

	P	M	K	N	S	H	O
WJ30ET	●●		●●	●	●	●	●

Tool

	Designation	For threads	D_c mm	d_{10} mm	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
 DIN 6535 HA	DC260-03-03.300A0-	M 4	3,3	5	11	66	28	36	6	😐
	DC260-03-04.200A0-	M 5	4,2	6	14	66	28	36	6	😐
	DC260-03-05.000A0-	M 6	5	8	17	79	41	36	8	😐
	DC260-03-06.800A0-	M 8	6,8	10	21	89	47	40	10	😐
	DC260-03-08.500A0-	M 10	8,5	12	26	102	55	45	12	😐
	DC260-03-10.200A0-	M 12	10,2	14	30	107	60	45	14	😐
	DC260-03-12.000A0-	M 14	12	16	35	115	65	48	16	😐
	DC260-03-14.000A0-	M 16	14	18	39	123	73	48	18	😐
 DIN 6535 HE	DC260-03-03.300F0-	M 4	3,3	5	11	66	28	36	6	😐
	DC260-03-04.200F0-	M 5	4,2	6	14	66	28	36	6	😐
	DC260-03-05.000F0-	M 6	5	8	17	79	41	36	8	😐
	DC260-03-06.800F0-	M 8	6,8	10	21	89	47	40	10	😐
	DC260-03-07.000F0-	M 8 X 1	7	10	21	89	47	40	10	😐
	DC260-03-08.500F0-	M 10	8,5	12	26	102	55	45	12	😐
	DC260-03-09.000F0-	M 10 X 1	9	12	26	102	55	45	12	😐
	DC260-03-10.200F0-	M 12	10,2	14	30	107	60	45	14	😐
	DC260-03-10.500F0-	M 12 X 1,5	10,5	14	30	107	60	45	14	😐
	DC260-03-12.000F0-	M 14	12	16	35	115	65	48	16	😐
	DC260-03-12.500F0-	M 14 X 1,5	12,5	16	35	115	65	48	16	😐
	DC260-03-14.000F0-	M 16	14	18	39	123	73	48	18	😐
	DC260-03-14.500F0-	M 16 X 1,5	14,5	18	39	123	73	48	18	😐

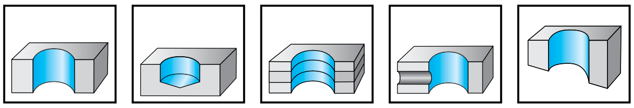
Ordering example for the grade WJ30ET: DC260-03-03.300A0-WJ30ET

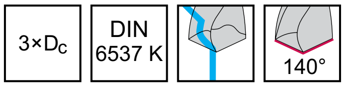
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

Solid carbide twist drills
DC160 Advance
X·treme Evo

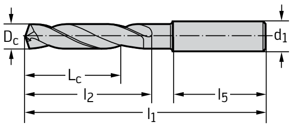




	P	M	K	N	S	H	O
WJ30ET	●●		●●	●	●	●	●

B1

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-03.000A0-	3		14	62	20	36	6	
DC160-03-03.100A0-	3,1		14	62	20	36	6	
DC160-03-03.175A0-	3,175	1/8"	14	62	20	36	6	
DC160-03-03.200A0-	3,2		14	62	20	36	6	
DC160-03-03.250A0-	3,25		14	62	20	36	6	
DC160-03-03.300A0-	3,3		14	62	20	36	6	
DC160-03-03.400A0-	3,4		14	62	20	36	6	
DC160-03-03.500A0-	3,5		14	62	20	36	6	
DC160-03-03.572A0-	3,572	9/64"	14	62	20	36	6	
DC160-03-03.600A0-	3,6		14	62	20	36	6	
DC160-03-03.650A0-	3,65		14	62	20	36	6	
DC160-03-03.700A0-	3,7		14	62	20	36	6	
DC160-03-03.800A0-	3,8		17	66	24	36	6	
DC160-03-03.900A0-	3,9		17	66	24	36	6	
DC160-03-03.969A0-	3,969	5/32"	17	66	24	36	6	
DC160-03-04.000A0-	4		17	66	24	36	6	
DC160-03-04.100A0-	4,1		17	66	24	36	6	
DC160-03-04.200A0-	4,2		17	66	24	36	6	
DC160-03-04.300A0-	4,3		17	66	24	36	6	
DC160-03-04.366A0-	4,366	11/64"	17	66	24	36	6	
DC160-03-04.400A0-	4,4		17	66	24	36	6	
DC160-03-04.500A0-	4,5		17	66	24	36	6	
DC160-03-04.600A0-	4,6		17	66	24	36	6	
DC160-03-04.650A0-	4,65		17	66	24	36	6	
DC160-03-04.700A0-	4,7		17	66	24	36	6	
DC160-03-04.763A0-	4,763	3/16"	20	66	28	36	6	
DC160-03-04.800A0-	4,8		20	66	28	36	6	
DC160-03-04.900A0-	4,9		20	66	28	36	6	
DC160-03-05.000A0-	5		20	66	28	36	6	
DC160-03-05.100A0-	5,1		20	66	28	36	6	
DC160-03-05.159A0-	5,159	13/64"	20	66	28	36	6	
DC160-03-05.200A0-	5,2		20	66	28	36	6	
DC160-03-05.300A0-	5,3		20	66	28	36	6	
DC160-03-05.400A0-	5,4		20	66	28	36	6	
DC160-03-05.500A0-	5,5		20	66	28	36	6	

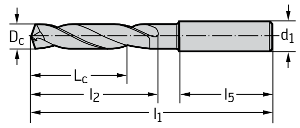
Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

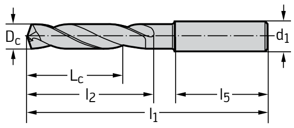


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-05.550A0-	5,55		20	66	28	36	6	
DC160-03-05.556A0-	5,556	7/32"	20	66	28	36	6	
DC160-03-05.600A0-	5,6		20	66	28	36	6	
DC160-03-05.700A0-	5,7		20	66	28	36	6	
DC160-03-05.800A0-	5,8		20	66	28	36	6	
DC160-03-05.900A0-	5,9		20	66	28	36	6	
DC160-03-05.953A0-	5,953	15/64"	20	66	28	36	6	
DC160-03-06.000A0-	6		20	66	28	36	6	
DC160-03-06.100A0-	6,1		24	79	34	36	8	
DC160-03-06.200A0-	6,2		24	79	34	36	8	
DC160-03-06.300A0-	6,3		24	79	34	36	8	
DC160-03-06.350A0-	6,35	1/4"	24	79	34	36	8	
DC160-03-06.400A0-	6,4		24	79	34	36	8	
DC160-03-06.500A0-	6,5		24	79	34	36	8	
DC160-03-06.600A0-	6,6		24	79	34	36	8	
DC160-03-06.700A0-	6,7		24	79	34	36	8	
DC160-03-06.747A0-	6,747	17/64"	24	79	34	36	8	
DC160-03-06.800A0-	6,8		24	79	34	36	8	
DC160-03-06.900A0-	6,9		24	79	34	36	8	
DC160-03-07.000A0-	7		24	79	34	36	8	
DC160-03-07.100A0-	7,1		29	79	41	36	8	
DC160-03-07.144A0-	7,144	9/32"	29	79	41	36	8	
DC160-03-07.200A0-	7,2		29	79	41	36	8	
DC160-03-07.300A0-	7,3		29	79	41	36	8	
DC160-03-07.400A0-	7,4		29	79	41	36	8	
DC160-03-07.500A0-	7,5		29	79	41	36	8	
DC160-03-07.541A0-	7,541	19/64"	29	79	41	36	8	
DC160-03-07.550A0-	7,55		29	79	41	36	8	
DC160-03-07.600A0-	7,6		29	79	41	36	8	
DC160-03-07.700A0-	7,7		29	79	41	36	8	
DC160-03-07.800A0-	7,8		29	79	41	36	8	
DC160-03-07.900A0-	7,9		29	79	41	36	8	
DC160-03-07.938A0-	7,938	5/16"	29	79	41	36	8	
DC160-03-08.000A0-	8		29	79	41	36	8	
DC160-03-08.100A0-	8,1		35	89	47	40	10	
DC160-03-08.200A0-	8,2		35	89	47	40	10	
DC160-03-08.300A0-	8,3		35	89	47	40	10	
DC160-03-08.334A0-	8,334	21/64"	35	89	47	40	10	
DC160-03-08.400A0-	8,4		35	89	47	40	10	
DC160-03-08.500A0-	8,5		35	89	47	40	10	
DC160-03-08.600A0-	8,6		35	89	47	40	10	
DC160-03-08.700A0-	8,7		35	89	47	40	10	
DC160-03-08.731A0-	8,731	11/32"	35	89	47	40	10	
DC160-03-08.800A0-	8,8		35	89	47	40	10	
DC160-03-08.900A0-	8,9		35	89	47	40	10	
DC160-03-09.000A0-	9		35	89	47	40	10	
DC160-03-09.100A0-	9,1		35	89	47	40	10	
DC160-03-09.128A0-	9,128	23/64"	35	89	47	40	10	

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Tool

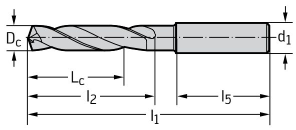


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-09.200A0-	9,2		35	89	47	40	10	●
DC160-03-09.300A0-	9,3		35	89	47	40	10	●
DC160-03-09.400A0-	9,4		35	89	47	40	10	●
DC160-03-09.500A0-	9,5		35	89	47	40	10	●
DC160-03-09.525A0-	9,525	3/8"	35	89	47	40	10	●
DC160-03-09.550A0-	9,55		35	89	47	40	10	●
DC160-03-09.600A0-	9,6		35	89	47	40	10	●
DC160-03-09.700A0-	9,7		35	89	47	40	10	●
DC160-03-09.800A0-	9,8		35	89	47	40	10	●
DC160-03-09.900A0-	9,9		35	89	47	40	10	●
DC160-03-09.922A0-	9,922	25/64"	35	89	47	40	10	●
DC160-03-10.000A0-	10		35	89	47	40	10	●
DC160-03-10.100A0-	10,1		40	102	55	45	12	●
DC160-03-10.200A0-	10,2		40	102	55	45	12	●
DC160-03-10.300A0-	10,3		40	102	55	45	12	●
DC160-03-10.319A0-	10,319	13/32"	40	102	55	45	12	●
DC160-03-10.400A0-	10,4		40	102	55	45	12	●
DC160-03-10.500A0-	10,5		40	102	55	45	12	●
DC160-03-10.600A0-	10,6		40	102	55	45	12	●
DC160-03-10.700A0-	10,7		40	102	55	45	12	●
DC160-03-10.716A0-	10,716	27/64"	40	102	55	45	12	●
DC160-03-10.800A0-	10,8		40	102	55	45	12	●
DC160-03-10.900A0-	10,9		40	102	55	45	12	●
DC160-03-11.000A0-	11		40	102	55	45	12	●
DC160-03-11.100A0-	11,1		40	102	55	45	12	●
DC160-03-11.113A0-	11,113	7/16"	40	102	55	45	12	●
DC160-03-11.200A0-	11,2		40	102	55	45	12	●
DC160-03-11.300A0-	11,3		40	102	55	45	12	●
DC160-03-11.400A0-	11,4		40	102	55	45	12	●
DC160-03-11.500A0-	11,5		40	102	55	45	12	●
DC160-03-11.509A0-	11,509	29/64"	40	102	55	45	12	●
DC160-03-11.550A0-	11,55		40	102	55	45	12	●
DC160-03-11.700A0-	11,7		40	102	55	45	12	●
DC160-03-11.800A0-	11,8		40	102	55	45	12	●
DC160-03-11.900A0-	11,9		40	102	55	45	12	●
DC160-03-11.906A0-	11,906	15/32"	40	102	55	45	12	●
DC160-03-12.000A0-	12		40	102	55	45	12	●
DC160-03-12.100A0-	12,1		43	107	60	45	14	●
DC160-03-12.200A0-	12,2		43	107	60	45	14	●
DC160-03-12.250A0-	12,25		43	107	60	45	14	●
DC160-03-12.300A0-	12,3		43	107	60	45	14	●
DC160-03-12.303A0-	12,303	31/64"	43	107	60	45	14	●
DC160-03-12.400A0-	12,4		43	107	60	45	14	●
DC160-03-12.500A0-	12,5		43	107	60	45	14	●
DC160-03-12.600A0-	12,6		43	107	60	45	14	●
DC160-03-12.700A0-	12,7	1/2"	43	107	60	45	14	●
DC160-03-12.750A0-	12,75		43	107	60	45	14	●
DC160-03-12.800A0-	12,8		43	107	60	45	14	●

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

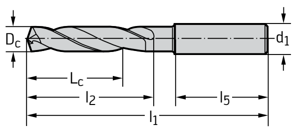
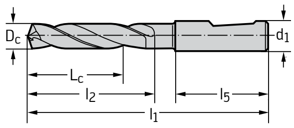
Tool



DIN 6535 HA

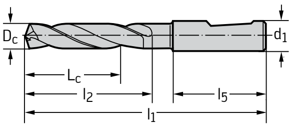
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-12.900A0-	12,9		43	107	60	45	14	●
DC160-03-13.000A0-	13		43	107	60	45	14	●
DC160-03-13.100A0-	13,1		43	107	60	45	14	●
DC160-03-13.200A0-	13,2		43	107	60	45	14	●
DC160-03-13.300A0-	13,3		43	107	60	45	14	●
DC160-03-13.400A0-	13,4		43	107	60	45	14	●
DC160-03-13.494A0-	13,494	17/32"	43	107	60	45	14	●
DC160-03-13.500A0-	13,5		43	107	60	45	14	●
DC160-03-13.600A0-	13,6		43	107	60	45	14	●
DC160-03-13.700A0-	13,7		43	107	60	45	14	●
DC160-03-13.800A0-	13,8		43	107	60	45	14	●
DC160-03-13.900A0-	13,9		43	107	60	45	14	●
DC160-03-14.000A0-	14		43	107	60	45	14	●
DC160-03-14.100A0-	14,1		45	115	65	48	16	●
DC160-03-14.200A0-	14,2		45	115	65	48	16	●
DC160-03-14.288A0-	14,288	9/16"	45	115	65	48	16	●
DC160-03-14.300A0-	14,3		45	115	65	48	16	●
DC160-03-14.400A0-	14,4		45	115	65	48	16	●
DC160-03-14.500A0-	14,5		45	115	65	48	16	●
DC160-03-14.600A0-	14,6		45	115	65	48	16	●
DC160-03-14.700A0-	14,7		45	115	65	48	16	●
DC160-03-14.800A0-	14,8		45	115	65	48	16	●
DC160-03-15.000A0-	15		45	115	65	48	16	●
DC160-03-15.100A0-	15,1		45	115	65	48	16	●
DC160-03-15.200A0-	15,2		45	115	65	48	16	●
DC160-03-15.300A0-	15,3		45	115	65	48	16	●
DC160-03-15.500A0-	15,5		45	115	65	48	16	●
DC160-03-15.600A0-	15,6		45	115	65	48	16	●
DC160-03-15.700A0-	15,7		45	115	65	48	16	●
DC160-03-15.800A0-	15,8		45	115	65	48	16	●
DC160-03-15.875A0-	15,875	5/8"	45	115	65	48	16	●
DC160-03-15.900A0-	15,9		45	115	65	48	16	●
DC160-03-16.000A0-	16		45	115	65	48	16	●
DC160-03-16.100A0-	16,1		51	123	73	48	18	●
DC160-03-16.200A0-	16,2		51	123	73	48	18	●
DC160-03-16.300A0-	16,3		51	123	73	48	18	●
DC160-03-16.500A0-	16,5		51	123	73	48	18	●
DC160-03-16.600A0-	16,6		51	123	73	48	18	●
DC160-03-16.700A0-	16,7		51	123	73	48	18	●
DC160-03-16.750A0-	16,75		51	123	73	48	18	●
DC160-03-16.800A0-	16,8		51	123	73	48	18	●
DC160-03-17.000A0-	17		51	123	73	48	18	●
DC160-03-17.200A0-	17,2		51	123	73	48	18	●
DC160-03-17.300A0-	17,3		51	123	73	48	18	●
DC160-03-17.500A0-	17,5		51	123	73	48	18	●
DC160-03-17.600A0-	17,6		51	123	73	48	18	●
DC160-03-17.700A0-	17,7		51	123	73	48	18	●
DC160-03-17.800A0-	17,8		51	123	73	48	18	●

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Tool	Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
	DC160-03-18.000A0-	18		51	123	73	48	18	
	DC160-03-18.200A0-	18,2		55	131	79	50	20	
	DC160-03-18.500A0-	18,5		55	131	79	50	20	
	DC160-03-18.700A0-	18,7		55	131	79	50	20	
DIN 6535 HA	DC160-03-18.800A0-	18,8		55	131	79	50	20	
	DC160-03-19.000A0-	19		55	131	79	50	20	
	DC160-03-19.050A0-	19,05	3/4"	55	131	79	50	20	
	DC160-03-19.500A0-	19,5		55	131	79	50	20	
	DC160-03-19.700A0-	19,7		55	131	79	50	20	
	DC160-03-19.800A0-	19,8		55	131	79	50	20	
	DC160-03-20.000A0-	20		55	131	79	50	20	
	DC160-03-03.000F0-	3		14	62	20	36	6	
	DC160-03-03.100F0-	3,1		14	62	20	36	6	
	DC160-03-03.200F0-	3,2		14	62	20	36	6	
	DC160-03-03.250F0-	3,25		14	62	20	36	6	
DIN 6535 HE	DC160-03-03.300F0-	3,3		14	62	20	36	6	
	DC160-03-03.400F0-	3,4		14	62	20	36	6	
	DC160-03-03.500F0-	3,5		14	62	20	36	6	
	DC160-03-03.600F0-	3,6		14	62	20	36	6	
	DC160-03-03.650F0-	3,65		14	62	20	36	6	
	DC160-03-03.700F0-	3,7		14	62	20	36	6	
	DC160-03-03.800F0-	3,8		17	66	24	36	6	
	DC160-03-03.900F0-	3,9		17	66	24	36	6	
	DC160-03-04.000F0-	4		17	66	24	36	6	
	DC160-03-04.100F0-	4,1		17	66	24	36	6	
	DC160-03-04.200F0-	4,2		17	66	24	36	6	
	DC160-03-04.300F0-	4,3		17	66	24	36	6	
	DC160-03-04.400F0-	4,4		17	66	24	36	6	
	DC160-03-04.500F0-	4,5		17	66	24	36	6	
	DC160-03-04.600F0-	4,6		17	66	24	36	6	
	DC160-03-04.650F0-	4,65		17	66	24	36	6	
	DC160-03-04.700F0-	4,7		17	66	24	36	6	
	DC160-03-04.800F0-	4,8		20	66	28	36	6	
	DC160-03-04.900F0-	4,9		20	66	28	36	6	
	DC160-03-05.000F0-	5		20	66	28	36	6	
	DC160-03-05.100F0-	5,1		20	66	28	36	6	
	DC160-03-05.200F0-	5,2		20	66	28	36	6	
	DC160-03-05.300F0-	5,3		20	66	28	36	6	
	DC160-03-05.400F0-	5,4		20	66	28	36	6	
	DC160-03-05.500F0-	5,5		20	66	28	36	6	
	DC160-03-05.550F0-	5,55		20	66	28	36	6	
	DC160-03-05.600F0-	5,6		20	66	28	36	6	
	DC160-03-05.700F0-	5,7		20	66	28	36	6	
	DC160-03-05.800F0-	5,8		20	66	28	36	6	
	DC160-03-05.900F0-	5,9		20	66	28	36	6	
	DC160-03-06.000F0-	6		20	66	28	36	6	
	DC160-03-06.100F0-	6,1		24	79	34	36	8	
	DC160-03-06.200F0-	6,2		24	79	34	36	8	

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Tool



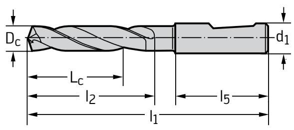
DIN 6535 HE

B1

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-06.300F0-	6,3		24	79	34	36	8	●
DC160-03-06.400F0-	6,4		24	79	34	36	8	●
DC160-03-06.500F0-	6,5		24	79	34	36	8	●
DC160-03-06.600F0-	6,6		24	79	34	36	8	●
DC160-03-06.700F0-	6,7		24	79	34	36	8	●
DC160-03-06.800F0-	6,8		24	79	34	36	8	●
DC160-03-06.900F0-	6,9		24	79	34	36	8	●
DC160-03-07.000F0-	7		24	79	34	36	8	●
DC160-03-07.100F0-	7,1		29	79	41	36	8	●
DC160-03-07.200F0-	7,2		29	79	41	36	8	●
DC160-03-07.300F0-	7,3		29	79	41	36	8	●
DC160-03-07.400F0-	7,4		29	79	41	36	8	●
DC160-03-07.500F0-	7,5		29	79	41	36	8	●
DC160-03-07.550F0-	7,55		29	79	41	36	8	●
DC160-03-07.600F0-	7,6		29	79	41	36	8	●
DC160-03-07.700F0-	7,7		29	79	41	36	8	●
DC160-03-07.800F0-	7,8		29	79	41	36	8	●
DC160-03-07.900F0-	7,9		29	79	41	36	8	●
DC160-03-08.000F0-	8		29	79	41	36	8	●
DC160-03-08.100F0-	8,1		35	89	47	40	10	●
DC160-03-08.200F0-	8,2		35	89	47	40	10	●
DC160-03-08.300F0-	8,3		35	89	47	40	10	●
DC160-03-08.400F0-	8,4		35	89	47	40	10	●
DC160-03-08.500F0-	8,5		35	89	47	40	10	●
DC160-03-08.600F0-	8,6		35	89	47	40	10	●
DC160-03-08.700F0-	8,7		35	89	47	40	10	●
DC160-03-08.800F0-	8,8		35	89	47	40	10	●
DC160-03-08.900F0-	8,9		35	89	47	40	10	●
DC160-03-09.000F0-	9		35	89	47	40	10	●
DC160-03-09.100F0-	9,1		35	89	47	40	10	●
DC160-03-09.200F0-	9,2		35	89	47	40	10	●
DC160-03-09.300F0-	9,3		35	89	47	40	10	●
DC160-03-09.400F0-	9,4		35	89	47	40	10	●
DC160-03-09.500F0-	9,5		35	89	47	40	10	●
DC160-03-09.550F0-	9,55		35	89	47	40	10	●
DC160-03-09.600F0-	9,6		35	89	47	40	10	●
DC160-03-09.700F0-	9,7		35	89	47	40	10	●
DC160-03-09.800F0-	9,8		35	89	47	40	10	●
DC160-03-09.900F0-	9,9		35	89	47	40	10	●
DC160-03-10.000F0-	10		35	89	47	40	10	●
DC160-03-10.100F0-	10,1		40	102	55	45	12	●
DC160-03-10.200F0-	10,2		40	102	55	45	12	●
DC160-03-10.300F0-	10,3		40	102	55	45	12	●
DC160-03-10.400F0-	10,4		40	102	55	45	12	●
DC160-03-10.500F0-	10,5		40	102	55	45	12	●
DC160-03-10.600F0-	10,6		40	102	55	45	12	●
DC160-03-10.700F0-	10,7		40	102	55	45	12	●
DC160-03-10.800F0-	10,8		40	102	55	45	12	●

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Tool



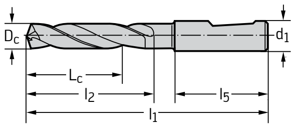
DIN 6535 HE

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-03-10.900F0-	10,9		40	102	55	45	12	
DC160-03-11.000F0-	11		40	102	55	45	12	
DC160-03-11.100F0-	11,1		40	102	55	45	12	
DC160-03-11.200F0-	11,2		40	102	55	45	12	
DC160-03-11.300F0-	11,3		40	102	55	45	12	
DC160-03-11.400F0-	11,4		40	102	55	45	12	
DC160-03-11.500F0-	11,5		40	102	55	45	12	
DC160-03-11.550F0-	11,55		40	102	55	45	12	
DC160-03-11.600F0-	11,6		40	102	55	45	12	
DC160-03-11.700F0-	11,7		40	102	55	45	12	
DC160-03-11.800F0-	11,8		40	102	55	45	12	
DC160-03-11.900F0-	11,9		40	102	55	45	12	
DC160-03-12.000F0-	12		40	102	55	45	12	
DC160-03-12.100F0-	12,1		43	107	60	45	14	
DC160-03-12.200F0-	12,2		43	107	60	45	14	
DC160-03-12.250F0-	12,25		43	107	60	45	14	
DC160-03-12.300F0-	12,3		43	107	60	45	14	
DC160-03-12.400F0-	12,4		43	107	60	45	14	
DC160-03-12.500F0-	12,5		43	107	60	45	14	
DC160-03-12.600F0-	12,6		43	107	60	45	14	
DC160-03-12.700F0-	12,7	1/2"	43	107	60	45	14	
DC160-03-12.750F0-	12,75		43	107	60	45	14	
DC160-03-12.800F0-	12,8		43	107	60	45	14	
DC160-03-12.900F0-	12,9		43	107	60	45	14	
DC160-03-13.000F0-	13		43	107	60	45	14	
DC160-03-13.100F0-	13,1		43	107	60	45	14	
DC160-03-13.200F0-	13,2		43	107	60	45	14	
DC160-03-13.300F0-	13,3		43	107	60	45	14	
DC160-03-13.400F0-	13,4		43	107	60	45	14	
DC160-03-13.500F0-	13,5		43	107	60	45	14	
DC160-03-13.600F0-	13,6		43	107	60	45	14	
DC160-03-13.700F0-	13,7		43	107	60	45	14	
DC160-03-13.800F0-	13,8		43	107	60	45	14	
DC160-03-13.900F0-	13,9		43	107	60	45	14	
DC160-03-14.000F0-	14		43	107	60	45	14	
DC160-03-14.100F0-	14,1		45	115	65	48	16	
DC160-03-14.200F0-	14,2		45	115	65	48	16	
DC160-03-14.300F0-	14,3		45	115	65	48	16	
DC160-03-14.400F0-	14,4		45	115	65	48	16	
DC160-03-14.500F0-	14,5		45	115	65	48	16	
DC160-03-14.600F0-	14,6		45	115	65	48	16	
DC160-03-14.700F0-	14,7		45	115	65	48	16	
DC160-03-14.750F0-	14,75		45	115	65	48	16	
DC160-03-14.800F0-	14,8		45	115	65	48	16	
DC160-03-15.000F0-	15		45	115	65	48	16	
DC160-03-15.100F0-	15,1		45	115	65	48	16	
DC160-03-15.200F0-	15,2		45	115	65	48	16	
DC160-03-15.300F0-	15,3		45	115	65	48	16	

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

B1

Tool



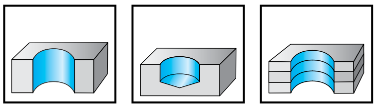
DIN 6535 HE

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30ET
DC160-03-15.500F0-	15,5		45	115	65	48	16	
DC160-03-15.600F0-	15,6		45	115	65	48	16	
DC160-03-15.700F0-	15,7		45	115	65	48	16	
DC160-03-15.800F0-	15,8		45	115	65	48	16	
DC160-03-15.900F0-	15,9		45	115	65	48	16	
DC160-03-16.000F0-	16		45	115	65	48	16	
DC160-03-16.100F0-	16,1		51	123	73	48	18	
DC160-03-16.200F0-	16,2		51	123	73	48	18	
DC160-03-16.300F0-	16,3		51	123	73	48	18	
DC160-03-16.400F0-	16,4		51	123	73	48	18	
DC160-03-16.500F0-	16,5		51	123	73	48	18	
DC160-03-16.600F0-	16,6		51	123	73	48	18	
DC160-03-16.700F0-	16,7		51	123	73	48	18	
DC160-03-16.750F0-	16,75		51	123	73	48	18	
DC160-03-16.800F0-	16,8		51	123	73	48	18	
DC160-03-17.000F0-	17		51	123	73	48	18	
DC160-03-17.200F0-	17,2		51	123	73	48	18	
DC160-03-17.300F0-	17,3		51	123	73	48	18	
DC160-03-17.500F0-	17,5		51	123	73	48	18	
DC160-03-17.600F0-	17,6		51	123	73	48	18	
DC160-03-17.700F0-	17,7		51	123	73	48	18	
DC160-03-17.800F0-	17,8		51	123	73	48	18	
DC160-03-18.000F0-	18		51	123	73	48	18	
DC160-03-18.200F0-	18,2		55	131	79	50	20	
DC160-03-18.500F0-	18,5		55	131	79	50	20	
DC160-03-18.700F0-	18,7		55	131	79	50	20	
DC160-03-18.800F0-	18,8		55	131	79	50	20	
DC160-03-19.000F0-	19		55	131	79	50	20	
DC160-03-19.500F0-	19,5		55	131	79	50	20	
DC160-03-19.700F0-	19,7		55	131	79	50	20	
DC160-03-19.800F0-	19,8		55	131	79	50	20	
DC160-03-20.000F0-	20		55	131	79	50	20	

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

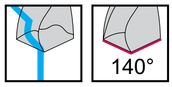
Solid carbide twist drills
DC150 Perform

– Up to 1.9 mm dimensions in accordance with DIN 1897



3×Dc

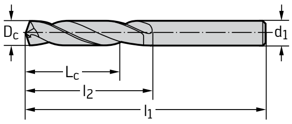
DIN 6539



	P	M	K	N	S	H	O
WJ30RE	●●	●	●●	●	●	●	●

B1

Tool



Cylindrical shank

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	h6	WJ30RE
DC150-03-01.500U0-	1,5		6	32	9	1,5	😐
DC150-03-01.588U0-	1,588	1/16"	7	34	10	1,588	😐
DC150-03-01.600U0-	1,6		7	34	10	1,6	😐
DC150-03-01.700U0-	1,7		7	34	10	1,7	😐
DC150-03-01.800U0-	1,8		8	36	11	1,8	😐
DC150-03-01.820U0-	1,82		8	36	11	1,82	😐
DC150-03-01.900U0-	1,9		8	36	11	1,9	😐
DC150-03-01.984U0-	1,984	5/64"	8	38	12	1,984	😐
DC150-03-02.000U0-	2		8	38	12	2	😐
DC150-03-02.050U0-	2,05		8	38	12	2,05	😐
DC150-03-02.100U0-	2,1		8	38	12	2,1	😐
DC150-03-02.200U0-	2,2		9	40	13	2,2	😐
DC150-03-02.300U0-	2,3		9	40	13	2,3	😐
DC150-03-02.381U0-	2,381	3/32"	10	43	14	2,381	😐
DC150-03-02.400U0-	2,4		10	43	14	2,4	😐
DC150-03-02.500U0-	2,5		10	43	14	2,5	😐
DC150-03-02.600U0-	2,6		10	43	14	2,6	😐
DC150-03-02.700U0-	2,7		11	46	16	2,7	😐
DC150-03-02.778U0-	2,778	7/64"	11	46	16	2,778	😐
DC150-03-02.800U0-	2,8		11	46	16	2,8	😐
DC150-03-02.900U0-	2,9		11	46	16	2,9	😐

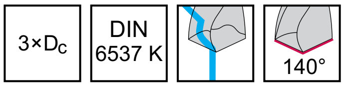
Ordering example for the grade WJ30RE: DC150-03-01.500U0-WJ30RE

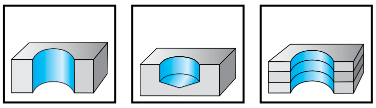
WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = 🙂 ➔ Average = 😐 ➔ Poor = 😠 machining conditions

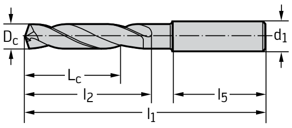
Solid carbide twist drills
DC150 Perform





	P	M	K	N	S	H	O
WJ30RE	●●	●	●●	●	●	●	●

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-03.000A0-	3		14	62	20	36	6	😐
DC150-03-03.100A0-	3,1		14	62	20	36	6	😐
DC150-03-03.175A0-	3,175	1/8"	14	62	20	36	6	😐
DC150-03-03.200A0-	3,2		14	62	20	36	6	😐
DC150-03-03.250A0-	3,25		14	62	20	36	6	😐
DC150-03-03.300A0-	3,3		14	62	20	36	6	😐
DC150-03-03.400A0-	3,4		14	62	20	36	6	😐
DC150-03-03.500A0-	3,5		14	62	20	36	6	😐
DC150-03-03.572A0-	3,572	9/64"	14	62	20	36	6	😐
DC150-03-03.600A0-	3,6		14	62	20	36	6	😐
DC150-03-03.700A0-	3,7		14	62	20	36	6	😐
DC150-03-03.800A0-	3,8		17	66	24	36	6	😐
DC150-03-03.900A0-	3,9		17	66	24	36	6	😐
DC150-03-03.969A0-	3,969	5/32"	17	66	24	36	6	😐
DC150-03-04.000A0-	4		17	66	24	36	6	😐
DC150-03-04.100A0-	4,1		17	66	24	36	6	😐
DC150-03-04.200A0-	4,2		17	66	24	36	6	😐
DC150-03-04.300A0-	4,3		17	66	24	36	6	😐
DC150-03-04.366A0-	4,366	11/64"	17	66	24	36	6	😐
DC150-03-04.400A0-	4,4		17	66	24	36	6	😐
DC150-03-04.500A0-	4,5		17	66	24	36	6	😐
DC150-03-04.600A0-	4,6		17	66	24	36	6	😐
DC150-03-04.650A0-	4,65		17	66	24	36	6	😐
DC150-03-04.700A0-	4,7		17	66	24	36	6	😐
DC150-03-04.763A0-	4,763	3/16"	20	66	28	36	6	😐
DC150-03-04.800A0-	4,8		20	66	28	36	6	😐
DC150-03-04.900A0-	4,9		20	66	28	36	6	😐
DC150-03-05.000A0-	5		20	66	28	36	6	😐
DC150-03-05.100A0-	5,1		20	66	28	36	6	😐
DC150-03-05.159A0-	5,159	13/64"	20	66	28	36	6	😐
DC150-03-05.200A0-	5,2		20	66	28	36	6	😐
DC150-03-05.300A0-	5,3		20	66	28	36	6	😐
DC150-03-05.400A0-	5,4		20	66	28	36	6	😐
DC150-03-05.500A0-	5,5		20	66	28	36	6	😐
DC150-03-05.550A0-	5,55		20	66	28	36	6	😐

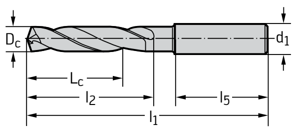
Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

Tool



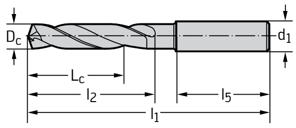
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-05.556A0-	5,556	7/32"	20	66	28	36	6	●
DC150-03-05.600A0-	5,6		20	66	28	36	6	●
DC150-03-05.700A0-	5,7		20	66	28	36	6	●
DC150-03-05.800A0-	5,8		20	66	28	36	6	●
DC150-03-05.900A0-	5,9		20	66	28	36	6	●
DC150-03-05.953A0-	5,953	15/64"	20	66	28	36	6	●
DC150-03-06.000A0-	6		20	66	28	36	6	●
DC150-03-06.100A0-	6,1		24	79	34	36	8	●
DC150-03-06.200A0-	6,2		24	79	34	36	8	●
DC150-03-06.300A0-	6,3		24	79	34	36	8	●
DC150-03-06.350A0-	6,35	1/4"	24	79	34	36	8	●
DC150-03-06.400A0-	6,4		24	79	34	36	8	●
DC150-03-06.500A0-	6,5		24	79	34	36	8	●
DC150-03-06.600A0-	6,6		24	79	34	36	8	●
DC150-03-06.700A0-	6,7		24	79	34	36	8	●
DC150-03-06.747A0-	6,747	17/64"	24	79	34	36	8	●
DC150-03-06.800A0-	6,8		24	79	34	36	8	●
DC150-03-06.900A0-	6,9		24	79	34	36	8	●
DC150-03-07.000A0-	7		24	79	34	36	8	●
DC150-03-07.100A0-	7,1		29	79	41	36	8	●
DC150-03-07.144A0-	7,144	9/32"	29	79	41	36	8	●
DC150-03-07.200A0-	7,2		29	79	41	36	8	●
DC150-03-07.300A0-	7,3		29	79	41	36	8	●
DC150-03-07.400A0-	7,4		29	79	41	36	8	●
DC150-03-07.500A0-	7,5		29	79	41	36	8	●
DC150-03-07.541A0-	7,541	19/64"	29	79	41	36	8	●
DC150-03-07.600A0-	7,6		29	79	41	36	8	●
DC150-03-07.700A0-	7,7		29	79	41	36	8	●
DC150-03-07.800A0-	7,8		29	79	41	36	8	●
DC150-03-07.900A0-	7,9		29	79	41	36	8	●
DC150-03-07.938A0-	7,938	5/16"	29	79	41	36	8	●
DC150-03-08.000A0-	8		29	79	41	36	8	●
DC150-03-08.100A0-	8,1		35	89	47	40	10	●
DC150-03-08.200A0-	8,2		35	89	47	40	10	●
DC150-03-08.300A0-	8,3		35	89	47	40	10	●
DC150-03-08.334A0-	8,334	21/64"	35	89	47	40	10	●
DC150-03-08.400A0-	8,4		35	89	47	40	10	●
DC150-03-08.500A0-	8,5		35	89	47	40	10	●
DC150-03-08.600A0-	8,6		35	89	47	40	10	●
DC150-03-08.700A0-	8,7		35	89	47	40	10	●
DC150-03-08.731A0-	8,731	11/32"	35	89	47	40	10	●
DC150-03-08.800A0-	8,8		35	89	47	40	10	●
DC150-03-08.900A0-	8,9		35	89	47	40	10	●
DC150-03-09.000A0-	9		35	89	47	40	10	●
DC150-03-09.100A0-	9,1		35	89	47	40	10	●
DC150-03-09.200A0-	9,2		35	89	47	40	10	●
DC150-03-09.300A0-	9,3		35	89	47	40	10	●
DC150-03-09.400A0-	9,4		35	89	47	40	10	●

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

B1

Tool

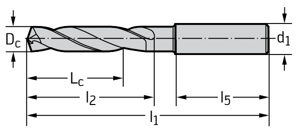


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-09.500A0-	9,5		35	89	47	40	10	
DC150-03-09.525A0-	9,525	3/8"	35	89	47	40	10	
DC150-03-09.600A0-	9,6		35	89	47	40	10	
DC150-03-09.700A0-	9,7		35	89	47	40	10	
DC150-03-09.800A0-	9,8		35	89	47	40	10	
DC150-03-09.900A0-	9,9		35	89	47	40	10	
DC150-03-09.922A0-	9,922	25/64"	35	89	47	40	10	
DC150-03-10.000A0-	10		35	89	47	40	10	
DC150-03-10.100A0-	10,1		40	102	55	45	12	
DC150-03-10.200A0-	10,2		40	102	55	45	12	
DC150-03-10.300A0-	10,3		40	102	55	45	12	
DC150-03-10.319A0-	10,319	13/32"	40	102	55	45	12	
DC150-03-10.400A0-	10,4		40	102	55	45	12	
DC150-03-10.500A0-	10,5		40	102	55	45	12	
DC150-03-10.600A0-	10,6		40	102	55	45	12	
DC150-03-10.716A0-	10,716	27/64"	40	102	55	45	12	
DC150-03-10.800A0-	10,8		40	102	55	45	12	
DC150-03-11.000A0-	11		40	102	55	45	12	
DC150-03-11.100A0-	11,1		40	102	55	45	12	
DC150-03-11.113A0-	11,113	7/16"	40	102	55	45	12	
DC150-03-11.200A0-	11,2		40	102	55	45	12	
DC150-03-11.300A0-	11,3		40	102	55	45	12	
DC150-03-11.400A0-	11,4		40	102	55	45	12	
DC150-03-11.500A0-	11,5		40	102	55	45	12	
DC150-03-11.509A0-	11,509	29/64"	40	102	55	45	12	
DC150-03-11.700A0-	11,7		40	102	55	45	12	
DC150-03-11.800A0-	11,8		40	102	55	45	12	
DC150-03-11.900A0-	11,9		40	102	55	45	12	
DC150-03-12.000A0-	12		40	102	55	45	12	
DC150-03-12.100A0-	12,1		43	107	60	45	14	
DC150-03-12.200A0-	12,2		43	107	60	45	14	
DC150-03-12.250A0-	12,25		43	107	60	45	14	
DC150-03-12.300A0-	12,3		43	107	60	45	14	
DC150-03-12.303A0-	12,303	31/64"	43	107	60	45	14	
DC150-03-12.500A0-	12,5		43	107	60	45	14	
DC150-03-12.700A0-	12,7	1/2"	43	107	60	45	14	
DC150-03-12.800A0-	12,8		43	107	60	45	14	
DC150-03-13.000A0-	13		43	107	60	45	14	
DC150-03-13.100A0-	13,1		43	107	60	45	14	
DC150-03-13.300A0-	13,3		43	107	60	45	14	
DC150-03-13.494A0-	13,494	17/32"	43	107	60	45	14	
DC150-03-13.500A0-	13,5		43	107	60	45	14	
DC150-03-14.000A0-	14		43	107	60	45	14	
DC150-03-14.200A0-	14,2		45	115	65	48	16	
DC150-03-14.288A0-	14,288	9/16"	45	115	65	48	16	
DC150-03-14.500A0-	14,5		45	115	65	48	16	
DC150-03-14.700A0-	14,7		45	115	65	48	16	
DC150-03-14.800A0-	14,8		45	115	65	48	16	

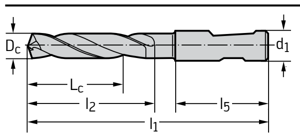
Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-15.000A0-	15		45	115	65	48	16	
DC150-03-15.100A0-	15,1		45	115	65	48	16	
DC150-03-15.500A0-	15,5		45	115	65	48	16	
DC150-03-15.800A0-	15,8		45	115	65	48	16	
DC150-03-15.875A0-	15,875	5/8"	45	115	65	48	16	
DC150-03-16.000A0-	16		45	115	65	48	16	
DC150-03-16.500A0-	16,5		51	123	73	48	18	
DC150-03-16.750A0-	16,75		51	123	73	48	18	
DC150-03-17.000A0-	17		51	123	73	48	18	
DC150-03-17.500A0-	17,5		51	123	73	48	18	
DC150-03-17.800A0-	17,8		51	123	73	48	18	
DC150-03-18.000A0-	18		51	123	73	48	18	
DC150-03-19.000A0-	19		55	131	79	50	20	
DC150-03-20.000A0-	20		55	131	79	50	20	

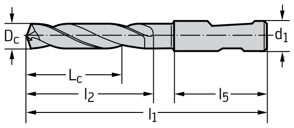


DIN 6535 HE, turned 180° DIN 6535 HB

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-03.000D0-	3		14	62	20	36	6	
DC150-03-03.100D0-	3,1		14	62	20	36	6	
DC150-03-03.200D0-	3,2		14	62	20	36	6	
DC150-03-03.300D0-	3,3		14	62	20	36	6	
DC150-03-03.400D0-	3,4		14	62	20	36	6	
DC150-03-03.500D0-	3,5		14	62	20	36	6	
DC150-03-03.600D0-	3,6		14	62	20	36	6	
DC150-03-03.700D0-	3,7		14	62	20	36	6	
DC150-03-03.800D0-	3,8		17	66	24	36	6	
DC150-03-03.900D0-	3,9		17	66	24	36	6	
DC150-03-04.000D0-	4		17	66	24	36	6	
DC150-03-04.200D0-	4,2		17	66	24	36	6	
DC150-03-04.300D0-	4,3		17	66	24	36	6	
DC150-03-04.500D0-	4,5		17	66	24	36	6	
DC150-03-04.650D0-	4,65		17	66	24	36	6	
DC150-03-04.700D0-	4,7		17	66	24	36	6	
DC150-03-04.800D0-	4,8		20	66	28	36	6	
DC150-03-05.000D0-	5		20	66	28	36	6	
DC150-03-05.100D0-	5,1		20	66	28	36	6	
DC150-03-05.300D0-	5,3		20	66	28	36	6	
DC150-03-05.500D0-	5,5		20	66	28	36	6	
DC150-03-05.550D0-	5,55		20	66	28	36	6	
DC150-03-05.600D0-	5,6		20	66	28	36	6	
DC150-03-05.800D0-	5,8		20	66	28	36	6	
DC150-03-06.000D0-	6		20	66	28	36	6	
DC150-03-06.100D0-	6,1		24	79	34	36	8	
DC150-03-06.200D0-	6,2		24	79	34	36	8	
DC150-03-06.300D0-	6,3		24	79	34	36	8	
DC150-03-06.500D0-	6,5		24	79	34	36	8	
DC150-03-06.600D0-	6,6		24	79	34	36	8	
DC150-03-06.700D0-	6,7		24	79	34	36	8	
DC150-03-06.800D0-	6,8		24	79	34	36	8	
DC150-03-07.000D0-	7		24	79	34	36	8	
DC150-03-07.100D0-	7,1		29	79	41	36	8	

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool



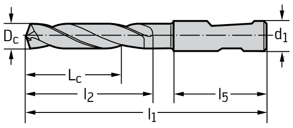
DIN 6535 HE, turned 180° DIN 6535 HB

B1

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-07.400D0-	7,4		29	79	41	36	8	
DC150-03-07.500D0-	7,5		29	79	41	36	8	
DC150-03-07.600D0-	7,6		29	79	41	36	8	
DC150-03-07.800D0-	7,8		29	79	41	36	8	
DC150-03-08.000D0-	8		29	79	41	36	8	
DC150-03-08.200D0-	8,2		35	89	47	40	10	
DC150-03-08.300D0-	8,3		35	89	47	40	10	
DC150-03-08.500D0-	8,5		35	89	47	40	10	
DC150-03-08.600D0-	8,6		35	89	47	40	10	
DC150-03-08.700D0-	8,7		35	89	47	40	10	
DC150-03-08.800D0-	8,8		35	89	47	40	10	
DC150-03-09.000D0-	9		35	89	47	40	10	
DC150-03-09.100D0-	9,1		35	89	47	40	10	
DC150-03-09.500D0-	9,5		35	89	47	40	10	
DC150-03-09.700D0-	9,5		35	89	47	40	10	
DC150-03-09.800D0-	9,8		35	89	47	40	10	
DC150-03-10.000D0-	10		35	89	47	40	10	
DC150-03-10.100D0-	10,1		40	102	55	45	12	
DC150-03-10.200D0-	10,2		40	102	55	45	12	
DC150-03-10.300D0-	10,3		40	102	55	45	12	
DC150-03-10.400D0-	10,4		40	102	55	45	12	
DC150-03-10.500D0-	10,5		40	102	55	45	12	
DC150-03-10.800D0-	10,8		40	102	55	45	12	
DC150-03-10.900D0-	10,9		40	102	55	45	12	
DC150-03-11.000D0-	11		40	102	55	45	12	
DC150-03-11.100D0-	11,1		40	102	55	45	12	
DC150-03-11.200D0-	11,2		40	102	55	45	12	
DC150-03-11.300D0-	11,3		40	102	55	45	12	
DC150-03-11.500D0-	11,5		40	102	55	45	12	
DC150-03-11.600D0-	11,6		40	102	55	45	12	
DC150-03-11.800D0-	11,8		40	102	55	45	12	
DC150-03-12.000D0-	12		40	102	55	45	12	
DC150-03-12.200D0-	12,2		43	107	60	45	14	
DC150-03-12.500D0-	12,5		43	107	60	45	14	
DC150-03-13.000D0-	13		43	107	60	45	14	
DC150-03-13.200D0-	13,2		43	107	60	45	14	
DC150-03-13.300D0-	13,3		43	107	60	45	14	
DC150-03-13.400D0-	13,4		43	107	60	45	14	
DC150-03-13.500D0-	13,5		43	107	60	45	14	
DC150-03-13.600D0-	13,6		43	107	60	45	14	
DC150-03-13.800D0-	13,8		43	107	60	45	14	
DC150-03-14.000D0-	14		43	107	60	45	14	
DC150-03-15.000D0-	15		45	115	65	48	16	
DC150-03-15.100D0-	15,1		45	115	65	48	16	
DC150-03-16.000D0-	16		45	115	65	48	16	
DC150-03-16.500D0-	16,5		51	123	73	48	18	
DC150-03-17.000D0-	17		51	123	73	48	18	
DC150-03-17.500D0-	17,5		51	123	73	48	18	

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool



DIN 6535 HE, turned 180° DIN 6535 HB

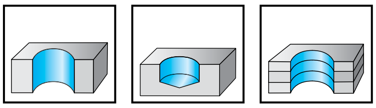
Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30RE
DC150-03-18.000D0-	18		51	123	73	48	18	
DC150-03-18.500D0-	18,5		55	131	79	50	20	
DC150-03-19.000D0-	19		55	131	79	50	20	
DC150-03-20.000D0-	20		55	131	79	50	20	

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

B 1

Solid carbide twist drills
A1163

– Type N

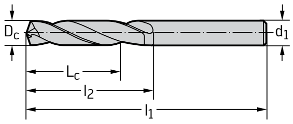


3×D_c | DIN 6539 | 118°

	P	M	K	N	S	H	O
uncoated			●	●●	●		●●

B1

Tool



Cylindrical shank

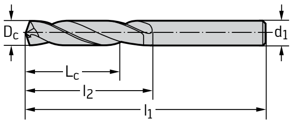
Designation	h7	L_c mm	l_1 mm	l_2 mm	h6
A1163-1	1	4	26	6	1
A1163-1.1	1,1	5	28	7	1,1
A1163-1.2	1,2	6	30	8	1,2
A1163-1.3	1,3	6	30	8	1,3
A1163-1.4	1,4	6	32	9	1,4
A1163-1.5	1,5	6	32	9	1,5
A1163-1.6	1,6	7	34	10	1,6
A1163-1.7	1,7	7	34	10	1,7
A1163-1.8	1,8	8	36	11	1,8
A1163-1.9	1,9	8	36	11	1,9
A1163-2	2	8	38	12	2
A1163-2.1	2,1	8	38	12	2,1
A1163-2.2	2,2	9	40	13	2,2
A1163-2.3	2,3	9	40	13	2,3
A1163-2.4	2,4	10	43	14	2,4
A1163-2.5	2,5	10	43	14	2,5
A1163-2.6	2,6	10	43	14	2,6
A1163-2.7	2,7	11	46	16	2,7
A1163-2.8	2,8	11	46	16	2,8
A1163-2.9	2,9	11	46	16	2,9
A1163-3	3	11	46	16	3
A1163-3.1	3,1	12	49	18	3,1
A1163-3.2	3,2	12	49	18	3,2
A1163-3.3	3,3	12	49	18	3,3
A1163-3.4	3,4	14	52	20	3,4
A1163-3.5	3,5	14	52	20	3,5
A1163-3.6	3,6	14	52	20	3,6
A1163-3.7	3,7	14	52	20	3,7
A1163-3.8	3,8	15	55	22	3,8
A1163-3.9	3,9	15	55	22	3,9
A1163-4	4	15	55	22	4
A1163-4.1	4,1	15	55	22	4,1
A1163-4.2	4,2	15	55	22	4,2
A1163-4.3	4,3	16	58	24	4,3
A1163-4.4	4,4	16	58	24	4,4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

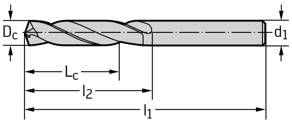
Tool



Cylindrical shank

Designation	h7	L_c mm	l_1 mm	l_2 mm	h6
A1163-4.5	4,5	16	58	24	4,5
A1163-4.6	4,6	16	58	24	4,6
A1163-4.7	4,7	16	58	24	4,7
A1163-4.8	4,8	18	62	26	4,8
A1163-4.9	4,9	18	62	26	4,9
A1163-5	5	18	62	26	5
A1163-5.1	5,1	18	62	26	5,1
A1163-5.2	5,2	18	62	26	5,2
A1163-5.3	5,3	18	62	26	5,3
A1163-5.4	5,4	19	66	28	5,4
A1163-5.5	5,5	19	66	28	5,5
A1163-5.6	5,6	19	66	28	5,6
A1163-5.7	5,7	19	66	28	5,7
A1163-5.8	5,8	19	66	28	5,8
A1163-5.9	5,9	19	66	28	5,9
A1163-6	6	19	66	28	6
A1163-6.1	6,1	20	70	31	6,1
A1163-6.2	6,2	20	70	31	6,2
A1163-6.3	6,3	20	70	31	6,3
A1163-6.4	6,4	20	70	31	6,4
A1163-6.5	6,5	20	70	31	6,5
A1163-6.6	6,6	20	70	31	6,6
A1163-6.7	6,7	20	70	31	6,7
A1163-6.8	6,8	22	74	34	6,8
A1163-6.9	6,9	22	74	34	6,9
A1163-7	7	22	74	34	7
A1163-7.1	7,1	22	74	34	7,1
A1163-7.2	7,2	22	74	34	7,2
A1163-7.3	7,3	22	74	34	7,3
A1163-7.4	7,4	22	74	34	7,4
A1163-7.5	7,5	22	74	34	7,5
A1163-7.6	7,6	25	79	37	7,6
A1163-7.7	7,7	25	79	37	7,7
A1163-7.8	7,8	25	79	37	7,8
A1163-7.9	7,9	25	79	37	7,9
A1163-8	8	25	79	37	8
A1163-8.1	8,1	24	79	37	8,1
A1163-8.2	8,2	24	79	37	8,2
A1163-8.3	8,3	24	79	37	8,3
A1163-8.4	8,4	24	79	37	8,4
A1163-8.5	8,5	24	79	37	8,5
A1163-8.6	8,6	25	84	40	8,6
A1163-8.7	8,7	25	84	40	8,7
A1163-8.8	8,8	25	84	40	8,8
A1163-9	9	25	84	40	9
A1163-9.3	9,3	25	84	40	9,3
A1163-9.5	9,5	25	84	40	9,5
A1163-9.7	9,7	28	89	43	9,7

Tool

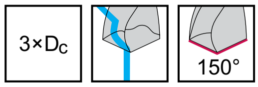


Cylindrical shank

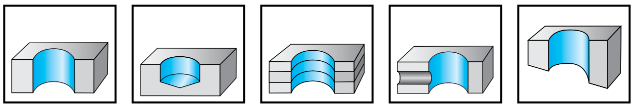
Designation	h7	L_c mm	l_1 mm	l_2 mm	h6
A1163-9.8	9,8	28	89	43	9,8
A1163-10	10	28	89	43	10
A1163-10.2	10,2	27	89	43	10,2
A1163-10.5	10,5	27	89	43	10,5
A1163-11	11	29	95	47	11
A1163-11.5	11,5	29	95	47	11,5
A1163-12	12	33	102	51	12

B1

Solid carbide countersinkers
A1166 / A1166TIN

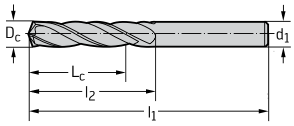


– Overall length DIN 6539, grooves extended compared to DIN 6539



	P	M	K	N	S	H	O
uncoated	●			●	●	●	
TIN	●			●	●	●	

Tool



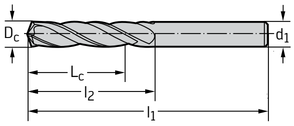
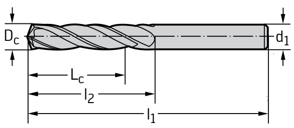
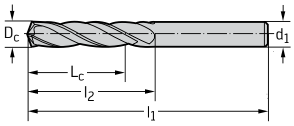
Cylindrical shank

Designation	h7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	h6
A1166-3	3		17	46	22	3
A1166-3.1	3,1		18	49	24	3,1
A1166-1/8IN	3,175	1/8"	18	49	24	3,175
A1166-3.2	3,2		18	49	24	3,2
A1166-3.3	3,3		18	49	24	3,3
A1166-3.4	3,4		21	52	27	3,4
A1166-3.5	3,5		21	52	27	3,5
A1166-9/64IN	3,572	9/64"	21	52	27	3,572
A1166-3.6	3,6		21	52	27	3,6
A1166-3.7	3,7		21	52	27	3,7
A1166-3.8	3,8		23	55	30	3,8
A1166-3.9	3,9		23	55	30	3,9
A1166-4	4		23	55	30	4
A1166-4.1	4,1		23	55	30	4,1
A1166-4.2	4,2		23	55	30	4,2
A1166-4.3	4,3		24	58	32	4,3
A1166-4.4	4,4		24	58	32	4,4
A1166-4.5	4,5		24	58	32	4,5
A1166-4.6	4,6		24	58	32	4,6
A1166-4.7	4,7		24	58	32	4,7
A1166-3/16IN	4,763	3/16"	27	62	35	4,763
A1166-4.8	4,8		27	62	35	4,8
A1166-4.9	4,9		27	62	35	4,9
A1166-5	5		27	62	35	5
A1166-5.1	5,1		27	62	35	5,1
A1166-13/64IN	5,159	13/64"	27	62	35	5,159
A1166-5.2	5,2		27	62	35	5,2
A1166-5.3	5,3		27	62	35	5,3
A1166-5.4	5,4		30	66	39	5,4
A1166-5.5	5,5		30	66	39	5,5
A1166-5.6	5,6		30	66	39	5,6
A1166-5.7	5,7		30	66	39	5,7
A1166-5.8	5,8		30	66	39	5,8
A1166-6	6		30	66	39	6
A1166-6.1	6,1		31	70	42	6,1

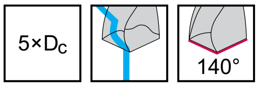
WALTER SELECT

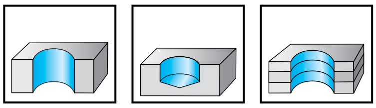
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool	Designation	h7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	h6
	A1166-6.2	6,2		31	70	42	6,2
	A1166-6.3	6,3		31	70	42	6,3
	A1166-1/4IN	6,35	1/4"	31	70	42	6,35
	A1166-6.4	6,4		31	70	42	6,4
Cylindrical shank	A1166-6.5	6,5		31	70	42	6,5
	A1166-6.6	6,6		31	70	42	6,6
	A1166-6.7	6,7		31	70	42	6,7
	A1166-6.8	6,8		33	74	45	6,8
	A1166-6.9	6,9		33	74	45	6,9
	A1166-7	7		33	74	45	7
	A1166-7.1	7,1		33	74	45	7,1
	A1166-7.2	7,2		33	74	45	7,2
	A1166-7.3	7,3		33	74	45	7,3
	A1166-7.4	7,4		33	74	45	7,4
	A1166-7.5	7,5		33	74	45	7,5
	A1166-7.8	7,8		35	79	48	7,8
	A1166-8	8		35	79	48	8
	A1166-8.1	8,1		35	79	48	8,1
	A1166-8.2	8,2		35	79	48	8,2
	A1166-8.3	8,3		35	79	48	8,3
	A1166-8.5	8,5		35	79	48	8,5
	A1166-8.6	8,6		37	84	52	8,6
	A1166-8.8	8,8		37	84	52	8,8
	A1166-9	9		37	84	52	9
	A1166-9.5	9,5		37	84	52	9,5
	A1166-9.6	9,6		39	89	55	9,6
	A1166-9.8	9,8		39	89	55	9,8
	A1166-10	10		39	89	55	10
	A1166-10.2	10,2		39	89	55	10,2
	A1166-10.3	10,3		39	89	55	10,3
	A1166-11	11		42	95	60	11
	A1166-11.8	11,8		42	95	60	11,8
	A1166-12	12		51	102	65	12
	A1166-12.5	12,5		51	102	65	12,5
	A1166-12.9	12,9		51	102	65	12,9
	A1166-13	13		51	102	65	13
	A1166-14	14		52	107	66	14
	A1166-15	15		55	111	70	15
	A1166-18	18		58	123	76	18
	A1166TIN-3	3		17	46	22	3
	A1166TIN-3.3	3,3		18	49	24	3,3
	A1166TIN-4	4		23	55	30	4
	A1166TIN-4.2	4,2		23	55	30	4,2
Cylindrical shank	A1166TIN-4.5	4,5		24	58	32	4,5
	A1166TIN-5	5		27	62	35	5
	A1166TIN-5.5	5,5		30	66	39	5,5
	A1166TIN-6	6		30	66	39	6
	A1166TIN-6.8	6,8		33	74	45	6,8
	A1166TIN-7	7		33	74	45	7
	A1166TIN-7.8	7,8		35	79	48	7,8
	A1166TIN-8	8		35	79	48	8
	A1166TIN-10	10		39	89	55	10
Cylindrical shank	A1166TIN-10.5	10,5		39	89	55	10,5
	A1166TIN-14	14		52	107	66	14

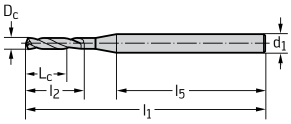
Solid carbide micro twist drills
DB133 Supreme





	P	M	K	N	S	H	O
WJ30EL	●●		●●	●●	●	●	●

Tool



DIN 6535 HA

Designation	D_c m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6	WJ30EL
DB133-05-00.500A0-	0,5		3,2	47	4	36	3	😐
DB133-05-00.550A0-	0,55		4,1	47	5	35	3	😐
DB133-05-00.600A0-	0,6		4,1	47	5	35	3	😐
DB133-05-00.650A0-	0,65		5	47	6	34	3	😐
DB133-05-00.700A0-	0,7		4,9	48	6	35	3	😐
DB133-05-00.750A0-	0,75		5,8	48	7	34	3	😐
DB133-05-00.794A0-	0,794	1/32"	5,8	48	7	34	3	😐
DB133-05-00.800A0-	0,8		5,8	48	7	34	3	😐
DB133-05-00.850A0-	0,85		6,6	50	8	35	3	😐
DB133-05-00.880A0-	0,88		6,6	50	8	35	3	😐
DB133-05-00.900A0-	0,9		6,6	50	8	35	3	😐
DB133-05-00.950A0-	0,95		7,5	50	9	34	3	😐
DB133-05-01.000A0-	1		7,5	50	9	34	3	😐
DB133-05-01.050A0-	1,05		7	51	9	36	3	😐
DB133-05-01.080A0-	1,08		7	51	9	36	3	😐
DB133-05-01.100A0-	1,1		7	51	9	36	3	😐
DB133-05-01.150A0-	1,15		8	51	10	35	3	😐
DB133-05-01.191A0-	1,191	3/64"	8	51	10	35	3	😐
DB133-05-01.200A0-	1,2		8	51	10	35	3	😐
DB133-05-01.250A0-	1,25		9	51	11	34	3	😐
DB133-05-01.300A0-	1,3		9	53	11	36	3	😐
DB133-05-01.350A0-	1,35		9	53	12	35	3	😐
DB133-05-01.400A0-	1,4		9	53	12	35	3	😐
DB133-05-01.450A0-	1,45		10	53	13	34	3	😐
DB133-05-01.500A0-	1,5		10	53	13	34	3	😐
DB133-05-01.550A0-	1,55		11	54	14	35	3	😐
DB133-05-01.588A0-	1,588	1/16"	11	54	14	35	3	😐
DB133-05-01.600A0-	1,6		11	54	14	35	3	😐
DB133-05-01.650A0-	1,65		11	54	14	35	3	😐
DB133-05-01.700A0-	1,7		11	54	14	35	3	😐
DB133-05-01.750A0-	1,75		12	54	15	34	3	😐
DB133-05-01.800A0-	1,8		12	54	15	34	3	😐
DB133-05-01.820A0-	1,82		13	57	16	36	3	😐
DB133-05-01.850A0-	1,85		13	57	16	36	3	😐
DB133-05-01.900A0-	1,9		13	57	16	36	3	😐

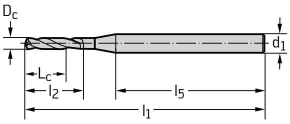
Ordering example for the grade WJ30EL: DB133-05-00.500A0-WJ30EL

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

Tool



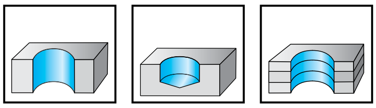
DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30EL
DB133-05-01.950A0-	1,95		14	57	17	35	3	
DB133-05-01.984A0-	1,984	5/64"	14	57	17	35	3	
DB133-05-02.000A0-	2		14	57	17	35	3	
DB133-05-02.050A0-	2,05		14	57	18	35	3	
DB133-05-02.100A0-	2,1		14	57	18	35	3	
DB133-05-02.150A0-	2,15		15	57	19	34	3	
DB133-05-02.200A0-	2,2		15	57	19	34	3	
DB133-05-02.250A0-	2,25		16	59	20	35	3	
DB133-05-02.300A0-	2,3		16	59	20	35	3	
DB133-05-02.350A0-	2,35		16	59	20	35	3	
DB133-05-02.381A0-	2,381	3/32"	16	59	20	35	3	
DB133-05-02.400A0-	2,4		16	59	20	35	3	
DB133-05-02.450A0-	2,45		17	59	21	34	3	
DB133-05-02.500A0-	2,5		17	59	21	34	3	
DB133-05-02.550A0-	2,55		18	62	22	36	3	
DB133-05-02.600A0-	2,6		18	62	22	36	3	
DB133-05-02.650A0-	2,65		18	62	23	36	3	
DB133-05-02.700A0-	2,7		18	62	23	36	3	
DB133-05-02.750A0-	2,75		19	62	24	35	3	
DB133-05-02.778A0-	2,778	7/64"	19	62	24	35	3	
DB133-05-02.800A0-	2,8		19	62	24	35	3	
DB133-05-02.850A0-	2,85		20	62	25	34	3	
DB133-05-02.900A0-	2,9		20	62	25	34	3	
DB133-05-02.950A0-	2,95		20	62	25	34	3	

Ordering example for the grade WJ30EL: DB133-05-00.500A0-WJ30EL

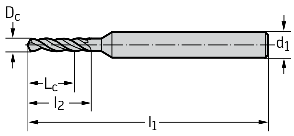
Solid carbide micro twist drills
DB130 Supreme

5×D_c | DIN 1899 | 118°



	P	M	K	N	S	H	O
WJ30UU	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank

Designation	0-0,004	L_c mm	l_1 mm	l_2 mm	h8	WJ30UU
DB130-05-00.100U0-	0,1	0,3	25	0,5	1	
DB130-05-00.110U0-	0,11	0,3	25	0,5	1	
DB130-05-00.120U0-	0,12	0,3	25	0,5	1	
DB130-05-00.130U0-	0,13	0,5	25	0,8	1	
DB130-05-00.140U0-	0,14	0,5	25	0,8	1	
DB130-05-00.150U0-	0,15	0,5	25	0,8	1	
DB130-05-00.160U0-	0,16	0,8	25	1,1	1	
DB130-05-00.170U0-	0,17	0,8	25	1,1	1	
DB130-05-00.180U0-	0,18	0,8	25	1,1	1	
DB130-05-00.190U0-	0,19	0,8	25	1,1	1	
DB130-05-00.200U0-	0,2	1,1	25	1,5	1	
DB130-05-00.210U0-	0,21	1,1	25	1,5	1	
DB130-05-00.220U0-	0,22	1,1	25	1,5	1	
DB130-05-00.230U0-	0,23	1,1	25	1,5	1	
DB130-05-00.240U0-	0,24	1,1	25	1,5	1	
DB130-05-00.250U0-	0,25	1,4	25	1,9	1	
DB130-05-00.260U0-	0,26	1,4	25	1,9	1	
DB130-05-00.270U0-	0,27	1,4	25	1,9	1	
DB130-05-00.280U0-	0,28	1,4	25	1,9	1	
DB130-05-00.290U0-	0,29	1,4	25	1,9	1	
DB130-05-00.300U0-	0,3	1,4	25	1,9	1	
DB130-05-00.310U0-	0,31	1,8	25	2,4	1	
DB130-05-00.320U0-	0,32	1,8	25	2,4	1	
DB130-05-00.330U0-	0,33	1,8	25	2,4	1	
DB130-05-00.340U0-	0,34	1,8	25	2,4	1	
DB130-05-00.350U0-	0,35	1,8	25	2,4	1	
DB130-05-00.360U0-	0,36	1,8	25	2,4	1	
DB130-05-00.370U0-	0,37	1,8	25	2,4	1	
DB130-05-00.380U0-	0,38	1,8	25	2,4	1	
DB130-05-00.390U0-	0,39	2,2	25	3	1	
DB130-05-00.400U0-	0,4	2,2	25	3	1	
DB130-05-00.410U0-	0,41	2,2	25	3	1	
DB130-05-00.420U0-	0,42	2,2	25	3	1	
DB130-05-00.430U0-	0,43	2,2	25	3	1	
DB130-05-00.440U0-	0,44	2,2	25	3	1	

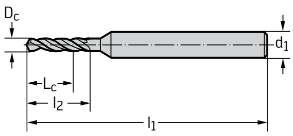
Ordering example for the grade WJ30UU: DB130-05-00.100U0-WJ30UU

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

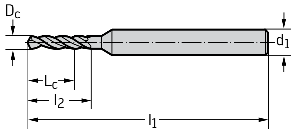


Cylindrical shank

Designation	0-0,004	L_c mm	l_1 mm	l_2 mm	h8	WJ30UU
DB130-05-00.450U0-	0,45	2,2	25	3	1	
DB130-05-00.460U0-	0,46	2,2	25	3	1	
DB130-05-00.470U0-	0,47	2,2	25	3	1	
DB130-05-00.480U0-	0,48	2,2	25	3	1	
DB130-05-00.490U0-	0,49	2,6	25	3,4	1	
DB130-05-00.500U0-	0,5	2,6	25	3,4	1	
DB130-05-00.510U0-	0,51	2,6	25	3,4	1	
DB130-05-00.520U0-	0,52	2,6	25	3,4	1	
DB130-05-00.530U0-	0,53	2,6	25	3,4	1	
DB130-05-00.540U0-	0,54	3	25	3,9	1	
DB130-05-00.550U0-	0,55	3	25	3,9	1	
DB130-05-00.560U0-	0,56	3	25	3,9	1	
DB130-05-00.570U0-	0,57	3	25	3,9	1	
DB130-05-00.580U0-	0,58	3	25	3,9	1	
DB130-05-00.590U0-	0,59	3	25	3,9	1	
DB130-05-00.600U0-	0,6	3	25	3,9	1	
DB130-05-00.610U0-	0,61	3,1	25	4,2	1	
DB130-05-00.620U0-	0,62	3,1	25	4,2	1	
DB130-05-00.630U0-	0,63	3,1	25	4,2	1	
DB130-05-00.640U0-	0,64	3,1	25	4,2	1	
DB130-05-00.650U0-	0,65	3,1	25	4,2	1	
DB130-05-00.660U0-	0,66	3,1	25	4,2	1	
DB130-05-00.670U0-	0,67	3,1	25	4,2	1	
DB130-05-00.680U0-	0,68	3,6	25	4,8	1	
DB130-05-00.690U0-	0,69	3,6	25	4,8	1	
DB130-05-00.700U0-	0,7	3,6	25	4,8	1	
DB130-05-00.710U0-	0,71	3,6	25	4,8	1	
DB130-05-00.720U0-	0,72	3,6	25	4,8	1	
DB130-05-00.730U0-	0,73	3,6	25	4,8	1	
DB130-05-00.740U0-	0,74	3,6	25	4,8	1	
DB130-05-00.750U0-	0,75	3,6	25	4,8	1	
DB130-05-00.760U0-	0,76	4,1	25	5,3	1	
DB130-05-00.770U0-	0,77	4,1	25	5,3	1	
DB130-05-00.780U0-	0,78	4,1	25	5,3	1	
DB130-05-00.790U0-	0,79	4,1	25	5,3	1	
DB130-05-00.800U0-	0,8	4	25	5,3	1,5	
DB130-05-00.810U0-	0,81	4	25	5,3	1,5	
DB130-05-00.820U0-	0,82	4	25	5,3	1,5	
DB130-05-00.830U0-	0,83	4	25	5,3	1,5	
DB130-05-00.840U0-	0,84	4	25	5,3	1,5	
DB130-05-00.850U0-	0,85	4	25	5,3	1,5	
DB130-05-00.860U0-	0,86	4,5	25	6	1,5	
DB130-05-00.870U0-	0,87	4,5	25	6	1,5	
DB130-05-00.880U0-	0,88	4,5	25	6	1,5	
DB130-05-00.890U0-	0,89	4,5	25	6	1,5	
DB130-05-00.900U0-	0,9	4,5	25	6	1,5	
DB130-05-00.910U0-	0,91	4,5	25	6	1,5	
DB130-05-00.920U0-	0,92	4,5	25	6	1,5	

Ordering example for the grade WJ30UU: DB130-05-00.100U0-WJ30UU

Tool



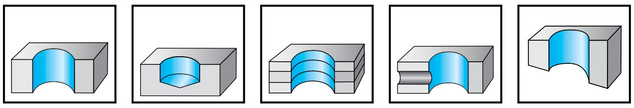
Cylindrical shank

Designation	0-0,004	Lc mm	l1 mm	l2 mm	h8	WJ30UU
DB130-05-00.930U0-	0,93	4,5	25	6	1,5	
DB130-05-00.940U0-	0,94	4,5	25	6	1,5	
DB130-05-00.950U0-	0,95	4,5	25	6	1,5	
DB130-05-00.960U0-	0,96	5	25	6,8	1,5	
DB130-05-00.970U0-	0,97	5	25	6,8	1,5	
DB130-05-00.980U0-	0,98	5	25	6,8	1,5	
DB130-05-00.990U0-	0,99	5	25	6,8	1,5	
DB130-05-01.000U0-	1	5	25	6,8	1,5	
DB130-05-01.050U0-	1,05	5	25	6,8	1,5	
DB130-05-01.100U0-	1,1	5	25	7,6	1,5	
DB130-05-01.150U0-	1,15	5	25	7,6	1,5	
DB130-05-01.200U0-	1,2	6	25	8,5	1,5	
DB130-05-01.250U0-	1,25	6	25	8,5	1,5	
DB130-05-01.300U0-	1,3	6	25	8,5	1,5	
DB130-05-01.350U0-	1,35	7	25	9,5	1,5	
DB130-05-01.400U0-	1,4	7	25	9,5	1,5	
DB130-05-01.450U0-	1,45	7	25	9,5	1,5	

Ordering example for the grade WJ30UU: DB130-05-00.100U0-WJ30UU

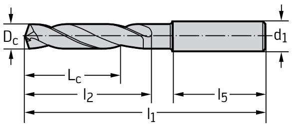
B1

Solid carbide twist drills
DC160 Advance
X·treme Evo



	P	M	K	N	S	H	O
WJ30ET	●●		●●	●	●	●	●

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30ET
DC160-05-03.000A0-	3		23	66	28	36	6	
DC160-05-03.100A0-	3,1		23	66	28	36	6	
DC160-05-03.175A0-	3,175	1/8"	23	66	28	36	6	
DC160-05-03.200A0-	3,2		23	66	28	36	6	
DC160-05-03.250A0-	3,25		23	66	28	36	6	
DC160-05-03.300A0-	3,3		23	66	28	36	6	
DC160-05-03.400A0-	3,4		23	66	28	36	6	
DC160-05-03.500A0-	3,5		23	66	28	36	6	
DC160-05-03.572A0-	3,572	9/64"	23	66	28	36	6	
DC160-05-03.600A0-	3,6		23	66	28	36	6	
DC160-05-03.650A0-	3,65		23	66	28	36	6	
DC160-05-03.700A0-	3,7		23	66	28	36	6	
DC160-05-03.800A0-	3,8		29	74	36	36	6	
DC160-05-03.900A0-	3,9		29	74	36	36	6	
DC160-05-03.969A0-	3,969	5/32"	29	74	36	36	6	
DC160-05-04.000A0-	4		29	74	36	36	6	
DC160-05-04.100A0-	4,1		29	74	36	36	6	
DC160-05-04.200A0-	4,2		29	74	36	36	6	
DC160-05-04.300A0-	4,3		29	74	36	36	6	
DC160-05-04.366A0-	4,366	11/64"	29	74	36	36	6	
DC160-05-04.400A0-	4,4		29	74	36	36	6	
DC160-05-04.500A0-	4,5		29	74	36	36	6	
DC160-05-04.600A0-	4,6		29	74	36	36	6	
DC160-05-04.650A0-	4,65		29	74	36	36	6	
DC160-05-04.700A0-	4,7		29	74	36	36	6	
DC160-05-04.763A0-	4,763	3/16"	35	82	44	36	6	
DC160-05-04.800A0-	4,8		35	82	44	36	6	
DC160-05-04.900A0-	4,9		35	82	44	36	6	
DC160-05-05.000A0-	5		35	82	44	36	6	
DC160-05-05.100A0-	5,1		35	82	44	36	6	
DC160-05-05.159A0-	5,159	13/64"	35	82	44	36	6	
DC160-05-05.200A0-	5,2		35	82	44	36	6	
DC160-05-05.300A0-	5,3		35	82	44	36	6	
DC160-05-05.400A0-	5,4		35	82	44	36	6	
DC160-05-05.500A0-	5,5		35	82	44	36	6	

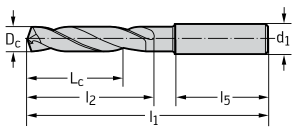
Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



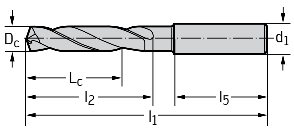
DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-05.550A0-	5,55		35	82	44	36	6	●
DC160-05-05.556A0-	5,556	7/32"	35	82	44	36	6	●
DC160-05-05.600A0-	5,6		35	82	44	36	6	●
DC160-05-05.700A0-	5,7		35	82	44	36	6	●
DC160-05-05.800A0-	5,8		35	82	44	36	6	●
DC160-05-05.900A0-	5,9		35	82	44	36	6	●
DC160-05-05.953A0-	5,953	15/64"	35	82	44	36	6	●
DC160-05-06.000A0-	6		35	82	44	36	6	●
DC160-05-06.100A0-	6,1		43	91	53	36	8	●
DC160-05-06.200A0-	6,2		43	91	53	36	8	●
DC160-05-06.300A0-	6,3		43	91	53	36	8	●
DC160-05-06.350A0-	6,35	1/4"	43	91	53	36	8	●
DC160-05-06.400A0-	6,4		43	91	53	36	8	●
DC160-05-06.500A0-	6,5		43	91	53	36	8	●
DC160-05-06.600A0-	6,6		43	91	53	36	8	●
DC160-05-06.700A0-	6,7		43	91	53	36	8	●
DC160-05-06.747A0-	6,747	17/64"	43	91	53	36	8	●
DC160-05-06.800A0-	6,8		43	91	53	36	8	●
DC160-05-06.900A0-	6,9		43	91	53	36	8	●
DC160-05-07.000A0-	7		43	91	53	36	8	●
DC160-05-07.100A0-	7,1		43	91	53	36	8	●
DC160-05-07.144A0-	7,144	9/32"	43	91	53	36	8	●
DC160-05-07.200A0-	7,2		43	91	53	36	8	●
DC160-05-07.300A0-	7,3		43	91	53	36	8	●
DC160-05-07.400A0-	7,4		43	91	53	36	8	●
DC160-05-07.500A0-	7,5		43	91	53	36	8	●
DC160-05-07.541A0-	7,541	19/64"	43	91	53	36	8	●
DC160-05-07.550A0-	7,55		43	91	53	36	8	●
DC160-05-07.600A0-	7,6		43	91	53	36	8	●
DC160-05-07.700A0-	7,7		43	91	53	36	8	●
DC160-05-07.800A0-	7,8		43	91	53	36	8	●
DC160-05-07.900A0-	7,9		43	91	53	36	8	●
DC160-05-07.938A0-	7,938	5/16"	43	91	53	36	8	●
DC160-05-08.000A0-	8		43	91	53	36	8	●
DC160-05-08.100A0-	8,1		49	103	61	40	10	●
DC160-05-08.200A0-	8,2		49	103	61	40	10	●
DC160-05-08.300A0-	8,3		49	103	61	40	10	●
DC160-05-08.334A0-	8,334	21/64"	49	103	61	40	10	●
DC160-05-08.400A0-	8,4		49	103	61	40	10	●
DC160-05-08.500A0-	8,5		49	103	61	40	10	●
DC160-05-08.600A0-	8,6		49	103	61	40	10	●
DC160-05-08.700A0-	8,7		49	103	61	40	10	●
DC160-05-08.731A0-	8,731	11/32"	49	103	61	40	10	●
DC160-05-08.800A0-	8,8		49	103	61	40	10	●
DC160-05-08.900A0-	8,9		49	103	61	40	10	●
DC160-05-09.000A0-	9		49	103	61	40	10	●
DC160-05-09.100A0-	9,1		49	103	61	40	10	●
DC160-05-09.128A0-	9,128	23/64"	49	103	61	40	10	●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

B1

Tool

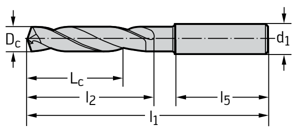


DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-09.300A0-	9,3		49	103	61	40	10	
DC160-05-09.400A0-	9,4		49	103	61	40	10	
DC160-05-09.500A0-	9,5		49	103	61	40	10	
DC160-05-09.525A0-	9,525	3/8"	49	103	61	40	10	
DC160-05-09.550A0-	9,55		49	103	61	40	10	
DC160-05-09.600A0-	9,6		49	103	61	40	10	
DC160-05-09.700A0-	9,7		49	103	61	40	10	
DC160-05-09.800A0-	9,8		49	103	61	40	10	
DC160-05-09.900A0-	9,9		49	103	61	40	10	
DC160-05-09.922A0-	9,922	25/64"	49	103	61	40	10	
DC160-05-10.000A0-	10		49	103	61	40	10	
DC160-05-10.100A0-	10,1		56	118	71	45	12	
DC160-05-10.200A0-	10,2		56	118	71	45	12	
DC160-05-10.300A0-	10,3		56	118	71	45	12	
DC160-05-10.319A0-	10,319	13/32"	56	118	71	45	12	
DC160-05-10.400A0-	10,4		56	118	71	45	12	
DC160-05-10.500A0-	10,5		56	118	71	45	12	
DC160-05-10.600A0-	10,6		56	118	71	45	12	
DC160-05-10.700A0-	10,7		56	118	71	45	12	
DC160-05-10.716A0-	10,716	27/64"	56	118	71	45	12	
DC160-05-10.800A0-	10,8		56	118	71	45	12	
DC160-05-10.900A0-	10,9		56	118	71	45	12	
DC160-05-11.000A0-	11		56	118	71	45	12	
DC160-05-11.100A0-	11,1		56	118	71	45	12	
DC160-05-11.113A0-	11,113	7/16"	56	118	71	45	12	
DC160-05-11.200A0-	11,2		56	118	71	45	12	
DC160-05-11.400A0-	11,4		56	118	71	45	12	
DC160-05-11.500A0-	11,5		56	118	71	45	12	
DC160-05-11.509A0-	11,509	29/64"	56	118	71	45	12	
DC160-05-11.550A0-	11,55		56	118	71	45	12	
DC160-05-11.600A0-	11,6		56	118	71	45	12	
DC160-05-11.700A0-	11,7		56	118	71	45	12	
DC160-05-11.800A0-	11,8		56	118	71	45	12	
DC160-05-11.906A0-	11,906	15/32"	56	118	71	45	12	
DC160-05-12.000A0-	12		56	118	71	45	12	
DC160-05-12.100A0-	12,1		60	124	77	45	14	
DC160-05-12.200A0-	12,2		60	124	77	45	14	
DC160-05-12.250A0-	12,25		60	124	77	45	14	
DC160-05-12.300A0-	12,3		60	124	77	45	14	
DC160-05-12.400A0-	12,4		60	124	77	45	14	
DC160-05-12.500A0-	12,5		60	124	77	45	14	
DC160-05-12.600A0-	12,6		60	124	77	45	14	
DC160-05-12.700A0-	12,7	1/2"	60	124	77	45	14	
DC160-05-12.750A0-	12,75		60	124	77	45	14	
DC160-05-12.800A0-	12,8		60	124	77	45	14	
DC160-05-12.900A0-	12,9		60	124	77	45	14	
DC160-05-13.000A0-	13		60	124	77	45	14	
DC160-05-13.100A0-	13,1		60	124	77	45	14	

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool

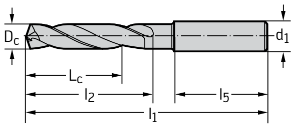
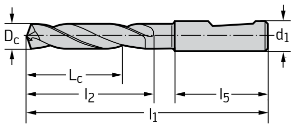


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-13.200A0-	13,2		60	124	77	45	14	
DC160-05-13.300A0-	13,3		60	124	77	45	14	
DC160-05-13.400A0-	13,4		60	124	77	45	14	
DC160-05-13.494A0-	13,494	17/32"	60	124	77	45	14	
DC160-05-13.500A0-	13,5		60	124	77	45	14	
DC160-05-13.600A0-	13,6		60	124	77	45	14	
DC160-05-13.700A0-	13,7		60	124	77	45	14	
DC160-05-13.800A0-	13,8		60	124	77	45	14	
DC160-05-13.900A0-	13,9		60	124	77	45	14	
DC160-05-14.000A0-	14		60	124	77	45	14	
DC160-05-14.100A0-	14,1		63	133	83	48	16	
DC160-05-14.200A0-	14,2		63	133	83	48	16	
DC160-05-14.288A0-	14,288	9/16"	63	133	83	48	16	
DC160-05-14.500A0-	14,5		63	133	83	48	16	
DC160-05-14.600A0-	14,6		63	133	83	48	16	
DC160-05-14.700A0-	14,7		63	133	83	48	16	
DC160-05-14.750A0-	14,75		63	133	83	48	16	
DC160-05-14.800A0-	14,8		63	133	83	48	16	
DC160-05-15.000A0-	15		63	133	83	48	16	
DC160-05-15.100A0-	15,1		63	133	83	48	16	
DC160-05-15.200A0-	15,2		63	133	83	48	16	
DC160-05-15.300A0-	15,3		63	133	83	48	16	
DC160-05-15.500A0-	15,5		63	133	83	48	16	
DC160-05-15.700A0-	15,7		63	133	83	48	16	
DC160-05-15.800A0-	15,8		63	133	83	48	16	
DC160-05-15.875A0-	15,875	5/8"	63	133	83	48	16	
DC160-05-15.900A0-	15,9		63	133	83	48	16	
DC160-05-16.000A0-	16		63	133	83	48	16	
DC160-05-16.100A0-	16,1		71	143	93	48	18	
DC160-05-16.300A0-	16,3		71	143	93	48	18	
DC160-05-16.500A0-	16,5		71	143	93	48	18	
DC160-05-16.600A0-	16,6		71	143	93	48	18	
DC160-05-16.700A0-	16,7		71	143	93	48	18	
DC160-05-16.750A0-	16,75		71	143	93	48	18	
DC160-05-16.800A0-	16,8		71	143	93	48	18	
DC160-05-17.000A0-	17		71	143	93	48	18	
DC160-05-17.500A0-	17,5		71	143	93	48	18	
DC160-05-17.700A0-	17,7		71	143	93	48	18	
DC160-05-17.800A0-	17,8		71	143	93	48	18	
DC160-05-18.000A0-	18		71	143	93	48	18	
DC160-05-18.200A0-	18,2		77	153	101	50	20	
DC160-05-18.700A0-	18,7		77	153	101	50	20	
DC160-05-18.800A0-	18,8		77	153	101	50	20	
DC160-05-19.000A0-	19		77	153	101	50	20	
DC160-05-19.050A0-	19,05	3/4"	77	153	101	50	20	
DC160-05-20.000A0-	20		77	153	101	50	20	
DC160-05-20.500A0-	20,5		86	166	108	56	25	
DC160-05-21.000A0-	21		86	166	108	56	25	

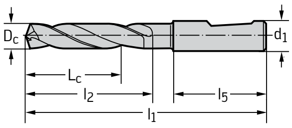
Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

B 1

Tool	Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
	DC160-05-21.500A0-	21,5		86	166	108	56	25	
	DC160-05-22.000A0-	22		86	166	108	56	25	
	DC160-05-22.500A0-	22,5		91	173	115	56	25	
	DC160-05-23.000A0-	23		91	173	115	56	25	
DIN 6535 HA	DC160-05-23.500A0-	23,5		91	173	115	56	25	
	DC160-05-24.000A0-	24		91	173	115	56	25	
	DC160-05-24.500A0-	24,5		97	180	122	56	25	
	DC160-05-25.000A0-	25		97	180	122	56	25	
	DC160-05-03.000F0-	3		23	66	28	36	6	
	DC160-05-03.100F0-	3,1		23	66	28	36	6	
	DC160-05-03.200F0-	3,2		23	66	28	36	6	
	DC160-05-03.250F0-	3,25		23	66	28	36	6	
DIN 6535 HE	DC160-05-03.300F0-	3,3		23	66	28	36	6	
	DC160-05-03.400F0-	3,4		23	66	28	36	6	
	DC160-05-03.500F0-	3,5		23	66	28	36	6	
	DC160-05-03.600F0-	3,6		23	66	28	36	6	
	DC160-05-03.650F0-	3,65		23	66	28	36	6	
	DC160-05-03.700F0-	3,7		23	66	28	36	6	
	DC160-05-03.800F0-	3,8		29	74	36	36	6	
	DC160-05-03.900F0-	3,9		29	74	36	36	6	
	DC160-05-04.000F0-	4		29	74	36	36	6	
	DC160-05-04.100F0-	4,1		29	74	36	36	6	
	DC160-05-04.200F0-	4,2		29	74	36	36	6	
	DC160-05-04.300F0-	4,3		29	74	36	36	6	
	DC160-05-04.400F0-	4,4		29	74	36	36	6	
	DC160-05-04.500F0-	4,5		29	74	36	36	6	
	DC160-05-04.600F0-	4,6		29	74	36	36	6	
	DC160-05-04.650F0-	4,65		29	74	36	36	6	
	DC160-05-04.700F0-	4,7		29	74	36	36	6	
	DC160-05-04.800F0-	4,8		35	82	44	36	6	
	DC160-05-04.900F0-	4,9		35	82	44	36	6	
	DC160-05-05.000F0-	5		35	82	44	36	6	
	DC160-05-05.100F0-	5,1		35	82	44	36	6	
	DC160-05-05.200F0-	5,2		35	82	44	36	6	
	DC160-05-05.300F0-	5,3		35	82	44	36	6	
	DC160-05-05.400F0-	5,4		35	82	44	36	6	
	DC160-05-05.500F0-	5,5		35	82	44	36	6	
	DC160-05-05.550F0-	5,55		35	82	44	36	6	
	DC160-05-05.600F0-	5,6		35	82	44	36	6	
	DC160-05-05.700F0-	5,7		35	82	44	36	6	
	DC160-05-05.800F0-	5,8		35	82	44	36	6	
	DC160-05-05.900F0-	5,9		35	82	44	36	6	
	DC160-05-06.000F0-	6		35	82	44	36	6	
	DC160-05-06.100F0-	6,1		43	91	53	36	8	
	DC160-05-06.200F0-	6,2		43	91	53	36	8	
	DC160-05-06.300F0-	6,3		43	91	53	36	8	
	DC160-05-06.400F0-	6,4		43	91	53	36	8	
	DC160-05-06.500F0-	6,5		43	91	53	36	8	

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool



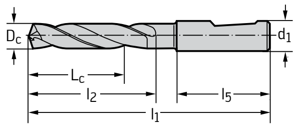
DIN 6535 HE

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-06.600F0-	6,6		43	91	53	36	8	●
DC160-05-06.700F0-	6,7		43	91	53	36	8	●
DC160-05-06.800F0-	6,8		43	91	53	36	8	●
DC160-05-06.900F0-	6,9		43	91	53	36	8	●
DC160-05-07.000F0-	7		43	91	53	36	8	●
DC160-05-07.100F0-	7,1		43	91	53	36	8	●
DC160-05-07.200F0-	7,2		43	91	53	36	8	●
DC160-05-07.300F0-	7,3		43	91	53	36	8	●
DC160-05-07.400F0-	7,4		43	91	53	36	8	●
DC160-05-07.500F0-	7,5		43	91	53	36	8	●
DC160-05-07.550F0-	7,55		43	91	53	36	8	●
DC160-05-07.600F0-	7,6		43	91	53	36	8	●
DC160-05-07.700F0-	7,7		43	91	53	36	8	●
DC160-05-07.800F0-	7,8		43	91	53	36	8	●
DC160-05-07.900F0-	7,9		43	91	53	36	8	●
DC160-05-08.000F0-	8		43	91	53	36	8	●
DC160-05-08.100F0-	8,1		49	103	61	40	10	●
DC160-05-08.200F0-	8,2		49	103	61	40	10	●
DC160-05-08.300F0-	8,3		49	103	61	40	10	●
DC160-05-08.400F0-	8,4		49	103	61	40	10	●
DC160-05-08.500F0-	8,5		49	103	61	40	10	●
DC160-05-08.600F0-	8,6		49	103	61	40	10	●
DC160-05-08.700F0-	8,7		49	103	61	40	10	●
DC160-05-08.800F0-	8,8		49	103	61	40	10	●
DC160-05-08.900F0-	8,9		49	103	61	40	10	●
DC160-05-09.000F0-	9		49	103	61	40	10	●
DC160-05-09.100F0-	9,1		49	103	61	40	10	●
DC160-05-09.200F0-	9,2		49	103	61	40	10	●
DC160-05-09.300F0-	9,3		49	103	61	40	10	●
DC160-05-09.400F0-	9,4		49	103	61	40	10	●
DC160-05-09.500F0-	9,5		49	103	61	40	10	●
DC160-05-09.550F0-	9,55		49	103	61	40	10	●
DC160-05-09.600F0-	9,6		49	103	61	40	10	●
DC160-05-09.700F0-	9,7		49	103	61	40	10	●
DC160-05-09.800F0-	9,8		49	103	61	40	10	●
DC160-05-09.900F0-	9,9		49	103	61	40	10	●
DC160-05-10.000F0-	10		49	103	61	40	10	●
DC160-05-10.100F0-	10,1		56	118	71	45	12	●
DC160-05-10.200F0-	10,2		56	118	71	45	12	●
DC160-05-10.300F0-	10,3		56	118	71	45	12	●
DC160-05-10.400F0-	10,4		56	118	71	45	12	●
DC160-05-10.500F0-	10,5		56	118	71	45	12	●
DC160-05-10.600F0-	10,6		56	118	71	45	12	●
DC160-05-10.700F0-	10,7		56	118	71	45	12	●
DC160-05-10.800F0-	10,8		56	118	71	45	12	●
DC160-05-10.900F0-	10,9		56	118	71	45	12	●
DC160-05-11.000F0-	11		56	118	71	45	12	●
DC160-05-11.100F0-	11,1		56	118	71	45	12	●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

B1

Tool

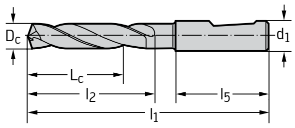


DIN 6535 HE

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30ET
DC160-05-11.200F0-	11,2		56	118	71	45	12	●
DC160-05-11.300F0-	11,3		56	118	71	45	12	●
DC160-05-11.400F0-	11,4		56	118	71	45	12	●
DC160-05-11.500F0-	11,5		56	118	71	45	12	●
DC160-05-11.550F0-	11,55		56	118	71	45	12	●
DC160-05-11.600F0-	11,6		56	118	71	45	12	●
DC160-05-11.700F0-	11,7		56	118	71	45	12	●
DC160-05-11.800F0-	11,8		56	118	71	45	12	●
DC160-05-11.900F0-	11,9		56	118	71	45	12	●
DC160-05-12.000F0-	12		56	118	71	45	12	●
DC160-05-12.100F0-	12,1		60	124	77	45	14	●
DC160-05-12.200F0-	12,2		60	124	77	45	14	●
DC160-05-12.250F0-	12,25		60	124	77	45	14	●
DC160-05-12.300F0-	12,3		60	124	77	45	14	●
DC160-05-12.400F0-	12,4		60	124	77	45	14	●
DC160-05-12.500F0-	12,5		60	124	77	45	14	●
DC160-05-12.600F0-	12,6		60	124	77	45	14	●
DC160-05-12.700F0-	12,7	1/2"	60	124	77	45	14	●
DC160-05-12.750F0-	12,75		60	124	77	45	14	●
DC160-05-12.800F0-	12,8		60	124	77	45	14	●
DC160-05-12.900F0-	12,9		60	124	77	45	14	●
DC160-05-13.000F0-	13		60	124	77	45	14	●
DC160-05-13.100F0-	13,1		60	124	77	45	14	●
DC160-05-13.200F0-	13,2		60	124	77	45	14	●
DC160-05-13.300F0-	13,3		60	124	77	45	14	●
DC160-05-13.400F0-	13,4		60	124	77	45	14	●
DC160-05-13.500F0-	13,5		60	124	77	45	14	●
DC160-05-13.600F0-	13,6		60	124	77	45	14	●
DC160-05-13.700F0-	13,7		60	124	77	45	14	●
DC160-05-13.800F0-	13,8		60	124	77	45	14	●
DC160-05-13.900F0-	13,9		60	124	77	45	14	●
DC160-05-14.000F0-	14		60	124	77	45	14	●
DC160-05-14.100F0-	14,1		63	133	83	48	16	●
DC160-05-14.200F0-	14,2		63	133	83	48	16	●
DC160-05-14.300F0-	14,3		63	133	83	48	16	●
DC160-05-14.400F0-	14,4		63	133	83	48	16	●
DC160-05-14.500F0-	14,5		63	133	83	48	16	●
DC160-05-14.600F0-	14,6		63	133	83	48	16	●
DC160-05-14.700F0-	14,7		63	133	83	48	16	●
DC160-05-14.750F0-	14,75		63	133	83	48	16	●
DC160-05-14.800F0-	14,8		63	133	83	48	16	●
DC160-05-15.000F0-	15		63	133	83	48	16	●
DC160-05-15.100F0-	15,1		63	133	83	48	16	●
DC160-05-15.200F0-	15,2		63	133	83	48	16	●
DC160-05-15.300F0-	15,3		63	133	83	48	16	●
DC160-05-15.500F0-	15,5		63	133	83	48	16	●
DC160-05-15.600F0-	15,6		63	133	83	48	16	●
DC160-05-15.700F0-	15,7		63	133	83	48	16	●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool



DIN 6535 HE

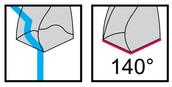
Designation	m7	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ET
DC160-05-15.800F0-	15,8		63	133	83	48	16	
DC160-05-15.900F0-	15,9		63	133	83	48	16	
DC160-05-16.000F0-	16		63	133	83	48	16	
DC160-05-16.100F0-	16,1		71	143	93	48	18	
DC160-05-16.200F0-	16,2		71	143	93	48	18	
DC160-05-16.300F0-	16,3		71	143	93	48	18	
DC160-05-16.400F0-	16,4		71	143	93	48	18	
DC160-05-16.500F0-	16,5		71	143	93	48	18	
DC160-05-16.600F0-	16,6		71	143	93	48	18	
DC160-05-16.700F0-	16,7		71	143	93	48	18	
DC160-05-16.750F0-	16,75		71	143	93	48	18	
DC160-05-16.800F0-	16,8		71	143	93	48	18	
DC160-05-17.000F0-	17		71	143	93	48	18	
DC160-05-17.200F0-	17,2		71	143	93	48	18	
DC160-05-17.300F0-	17,3		71	143	93	48	18	
DC160-05-17.500F0-	17,5		71	143	93	48	18	
DC160-05-17.600F0-	17,6		71	143	93	48	18	
DC160-05-17.700F0-	17,7		71	143	93	48	18	
DC160-05-17.800F0-	17,8		71	143	93	48	18	
DC160-05-18.000F0-	18		71	143	93	48	18	
DC160-05-18.200F0-	18,2		77	153	101	50	20	
DC160-05-18.500F0-	18,5		77	153	101	50	20	
DC160-05-18.700F0-	18,7		77	153	101	50	20	
DC160-05-18.800F0-	18,8		77	153	101	50	20	
DC160-05-19.000F0-	19		77	153	101	50	20	
DC160-05-19.500F0-	19,5		77	153	101	50	20	
DC160-05-19.700F0-	19,7		77	153	101	50	20	
DC160-05-19.800F0-	19,8		77	153	101	50	20	
DC160-05-20.000F0-	20		77	153	101	50	20	
DC160-05-20.500F0-	20,5		86	166	108	56	25	
DC160-05-21.000F0-	21		86	166	108	56	25	
DC160-05-21.500F0-	21,5		86	166	108	56	25	
DC160-05-22.000F0-	22		86	166	108	56	25	
DC160-05-22.500F0-	22,5		91	173	115	56	25	
DC160-05-23.000F0-	23		91	173	115	56	25	
DC160-05-23.500F0-	23,5		91	173	115	56	25	
DC160-05-24.000F0-	24		91	173	115	56	25	
DC160-05-24.500F0-	24,5		97	180	122	56	25	
DC160-05-25.000F0-	25		97	180	122	56	25	

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

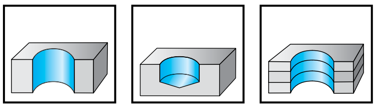
B1

Solid carbide twist drills
DC150 Perform

5×D_c | DIN 6537 L

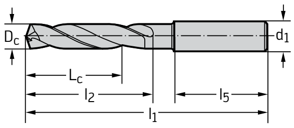


B1



	P	M	K	N	S	H	O
WJ30TA	●●	●	●●	●	●	●	●

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30TA
DC150-05-03.000A0-	3		23	66	28	36	6	😐
DC150-05-03.100A0-	3,1		23	66	28	36	6	😐
DC150-05-03.175A0-	3,175	1/8"	23	66	28	36	6	😐
DC150-05-03.200A0-	3,2		23	66	28	36	6	😐
DC150-05-03.250A0-	3,25		23	66	28	36	6	😐
DC150-05-03.300A0-	3,3		23	66	28	36	6	😐
DC150-05-03.400A0-	3,4		23	66	28	36	6	😐
DC150-05-03.500A0-	3,5		23	66	28	36	6	😐
DC150-05-03.600A0-	3,6		23	66	28	36	6	😐
DC150-05-03.650A0-	3,65		23	66	28	36	6	😐
DC150-05-03.700A0-	3,7		23	66	28	36	6	😐
DC150-05-03.800A0-	3,8		29	74	36	36	6	😐
DC150-05-03.900A0-	3,9		29	74	36	36	6	😐
DC150-05-03.969A0-	3,969	5/32"	29	74	36	36	6	😐
DC150-05-04.000A0-	4		29	74	36	36	6	😐
DC150-05-04.100A0-	4,1		29	74	36	36	6	😐
DC150-05-04.200A0-	4,2		29	74	36	36	6	😐
DC150-05-04.300A0-	4,3		29	74	36	36	6	😐
DC150-05-04.366A0-	4,366	11/64"	29	74	36	36	6	😐
DC150-05-04.400A0-	4,4		29	74	36	36	6	😐
DC150-05-04.500A0-	4,5		29	74	36	36	6	😐
DC150-05-04.600A0-	4,6		29	74	36	36	6	😐
DC150-05-04.650A0-	4,65		29	74	36	36	6	😐
DC150-05-04.700A0-	4,7		29	74	36	36	6	😐
DC150-05-04.763A0-	4,763	3/16"	35	82	44	36	6	😐
DC150-05-04.800A0-	4,8		35	82	44	36	6	😐
DC150-05-04.900A0-	4,9		35	82	44	36	6	😐
DC150-05-05.000A0-	5		35	82	44	36	6	😐
DC150-05-05.100A0-	5,1		35	82	44	36	6	😐
DC150-05-05.159A0-	5,159	13/64"	35	82	44	36	6	😐
DC150-05-05.200A0-	5,2		35	82	44	36	6	😐
DC150-05-05.300A0-	5,3		35	82	44	36	6	😐
DC150-05-05.400A0-	5,4		35	82	44	36	6	😐
DC150-05-05.500A0-	5,5		35	82	44	36	6	😐
DC150-05-05.550A0-	5,55		35	82	44	36	6	😐

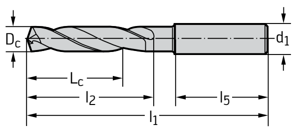
Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

Tool

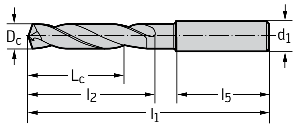


DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30TA
DC150-05-05.556A0-	5,556	7/32"	35	82	44	36	6	
DC150-05-05.600A0-	5,6		35	82	44	36	6	
DC150-05-05.700A0-	5,7		35	82	44	36	6	
DC150-05-05.800A0-	5,8		35	82	44	36	6	
DC150-05-05.900A0-	5,9		35	82	44	36	6	
DC150-05-05.953A0-	5,953	15/64"	35	82	44	36	6	
DC150-05-06.000A0-	6		35	82	44	36	6	
DC150-05-06.100A0-	6,1		43	91	53	36	8	
DC150-05-06.200A0-	6,2		43	91	53	36	8	
DC150-05-06.300A0-	6,3		43	91	53	36	8	
DC150-05-06.350A0-	6,35	1/4"	43	91	53	36	8	
DC150-05-06.400A0-	6,4		43	91	53	36	8	
DC150-05-06.500A0-	6,5		43	91	53	36	8	
DC150-05-06.600A0-	6,6		43	91	53	36	8	
DC150-05-06.700A0-	6,7		43	91	53	36	8	
DC150-05-06.747A0-	6,747	17/64"	43	91	53	36	8	
DC150-05-06.800A0-	6,8		43	91	53	36	8	
DC150-05-06.900A0-	6,9		43	91	53	36	8	
DC150-05-07.000A0-	7		43	91	53	36	8	
DC150-05-07.100A0-	7,1		43	91	53	36	8	
DC150-05-07.144A0-	7,144	9/32"	43	91	53	36	8	
DC150-05-07.200A0-	7,2		43	91	53	36	8	
DC150-05-07.300A0-	7,3		43	91	53	36	8	
DC150-05-07.400A0-	7,4		43	91	53	36	8	
DC150-05-07.500A0-	7,5		43	91	53	36	8	
DC150-05-07.700A0-	7,7		43	91	53	36	8	
DC150-05-07.800A0-	7,8		43	91	53	36	8	
DC150-05-07.900A0-	7,9		43	91	53	36	8	
DC150-05-07.938A0-	7,938	5/16"	43	91	53	36	8	
DC150-05-08.000A0-	8		43	91	53	36	8	
DC150-05-08.100A0-	8,1		49	103	61	40	10	
DC150-05-08.200A0-	8,2		49	103	61	40	10	
DC150-05-08.300A0-	8,3		49	103	61	40	10	
DC150-05-08.334A0-	8,334	21/64"	49	103	61	40	10	
DC150-05-08.400A0-	8,4		49	103	61	40	10	
DC150-05-08.500A0-	8,5		49	103	61	40	10	
DC150-05-08.600A0-	8,6		49	103	61	40	10	
DC150-05-08.700A0-	8,7		49	103	61	40	10	
DC150-05-08.731A0-	8,731	11/32"	49	103	61	40	10	
DC150-05-08.800A0-	8,8		49	103	61	40	10	
DC150-05-08.900A0-	8,9		49	103	61	40	10	
DC150-05-09.000A0-	9		49	103	61	40	10	
DC150-05-09.100A0-	9,1		49	103	61	40	10	
DC150-05-09.128A0-	9,128	23/64"	49	103	61	40	10	
DC150-05-09.200A0-	9,2		49	103	61	40	10	
DC150-05-09.300A0-	9,3		49	103	61	40	10	
DC150-05-09.400A0-	9,4		49	103	61	40	10	
DC150-05-09.500A0-	9,5		49	103	61	40	10	

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

Tool

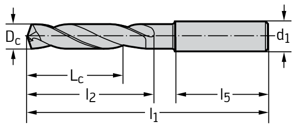


DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30TA
DC150-05-09.525A0-	9,525	3/8"	49	103	61	40	10	
DC150-05-09.600A0-	9,6		49	103	61	40	10	
DC150-05-09.700A0-	9,7		49	103	61	40	10	
DC150-05-09.800A0-	9,8		49	103	61	40	10	
DC150-05-09.900A0-	9,9		49	103	61	40	10	
DC150-05-09.922A0-	9,922	25/64"	49	103	61	40	10	
DC150-05-10.000A0-	10		49	103	61	40	10	
DC150-05-10.100A0-	10,1		56	118	71	45	12	
DC150-05-10.200A0-	10,2		56	118	71	45	12	
DC150-05-10.300A0-	10,3		56	118	71	45	12	
DC150-05-10.319A0-	10,319	13/32"	56	118	71	45	12	
DC150-05-10.400A0-	10,4		56	118	71	45	12	
DC150-05-10.500A0-	10,5		56	118	71	45	12	
DC150-05-10.600A0-	10,6		56	118	71	45	12	
DC150-05-10.700A0-	10,7		56	118	71	45	12	
DC150-05-10.716A0-	10,716	27/64"	56	118	71	45	12	
DC150-05-10.800A0-	10,8		56	118	71	45	12	
DC150-05-11.000A0-	11		56	118	71	45	12	
DC150-05-11.113A0-	11,113	7/16"	56	118	71	45	12	
DC150-05-11.200A0-	11,2		56	118	71	45	12	
DC150-05-11.500A0-	11,5		56	118	71	45	12	
DC150-05-11.800A0-	11,8		56	118	71	45	12	
DC150-05-11.906A0-	11,906	15/32"	56	118	71	45	12	
DC150-05-12.000A0-	12		56	118	71	45	12	
DC150-05-12.200A0-	12,2		60	124	77	45	14	
DC150-05-12.300A0-	12,3		60	124	77	45	14	
DC150-05-12.400A0-	12,4		60	124	77	45	14	
DC150-05-12.500A0-	12,5		60	124	77	45	14	
DC150-05-12.600A0-	12,6		60	124	77	45	14	
DC150-05-12.700A0-	12,7	1/2"	60	124	77	45	14	
DC150-05-13.000A0-	13		60	124	77	45	14	
DC150-05-13.200A0-	13,2		60	124	77	45	14	
DC150-05-13.494A0-	13,494	17/32"	60	124	77	45	14	
DC150-05-13.500A0-	13,5		60	124	77	45	14	
DC150-05-13.800A0-	13,8		60	124	77	45	14	
DC150-05-14.000A0-	14		60	124	77	45	14	
DC150-05-14.200A0-	14,2		63	133	83	48	16	
DC150-05-14.288A0-	14,288	9/16"	63	133	83	48	16	
DC150-05-14.500A0-	14,5		63	133	83	48	16	
DC150-05-15.000A0-	15		63	133	83	48	16	
DC150-05-15.500A0-	15,5		63	133	83	48	16	
DC150-05-15.800A0-	15,8		63	133	83	48	16	
DC150-05-16.000A0-	16		63	133	83	48	16	
DC150-05-16.500A0-	16,5		71	143	93	48	18	
DC150-05-17.000A0-	17		71	143	93	48	18	
DC150-05-17.500A0-	17,5		71	143	93	48	18	
DC150-05-18.000A0-	18		71	143	93	48	18	
DC150-05-19.000A0-	19		77	153	101	50	20	

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

Tool



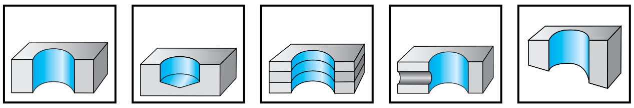
DIN 6535 HA

Designation	D_c m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6	WJ30TA
DC150-05-19.500A0-	19,5		77	153	101	50	20	●
DC150-05-20.000A0-	20		77	153	101	50	20	●

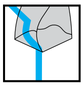
Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

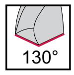
Solid carbide countersinkers
A3367
BSX

– SX ground tip



5×D_c	DIN 6537 L

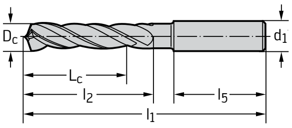




	P	M	K	N	S	H	O
uncoated			●●	●●	●		●

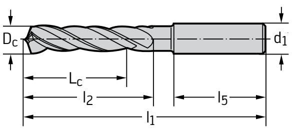
B1

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6
A3367-3	3		23	66	28	36	6
A3367-3.15	3,15		23	66	28	36	6
A3367-1/8IN	3,175	1/8"	23	66	28	36	6
A3367-3.3	3,3		23	66	28	36	6
A3367-3.5	3,5		23	66	28	36	6
A3367-3.7	3,7		23	66	28	36	6
A3367-3.8	3,8		29	74	36	36	6
A3367-5/32IN	3,969	5/32"	29	74	36	36	6
A3367-4	4		29	74	36	36	6
A3367-4.2	4,2		29	74	36	36	6
A3367-4.3	4,3		29	74	36	36	6
A3367-4.45	4,45		29	74	36	36	6
A3367-4.5	4,5		29	74	36	36	6
A3367-4.65	4,65		29	74	36	36	6
A3367-3/16IN	4,763	3/16"	35	82	44	36	6
A3367-5	5		35	82	44	36	6
A3367-13/64IN	5,159	13/64"	35	82	44	36	6
A3367-5.5	5,5		35	82	44	36	6
A3367-5.55	5,55		35	82	44	36	6
A3367-5.75	5,75		35	82	44	36	6
A3367-5.9	5,9		35	82	44	36	6
A3367-6	6		35	82	44	36	6
A3367-6.55	6,55		43	91	53	36	8
A3367-17/64IN	6,747	17/64"	43	91	53	36	8
A3367-6.8	6,8		43	91	53	36	8
A3367-7	7		43	91	53	36	8
A3367-7.25	7,25		43	91	53	36	8
A3367-8	8		43	91	53	36	8
A3367-8.5	8,5		49	103	61	40	10
A3367-9	9		49	103	61	40	10
A3367-25/64IN	9,922	25/64"	49	103	61	40	10
A3367-10	10		49	103	61	40	10
A3367-10.2	10,2		56	118	71	45	12
A3367-11	11		56	118	71	45	12
A3367-12	12		56	118	71	45	12
A3367-13	13		60	124	77	45	14
A3367-13.5	13,5		60	124	77	45	14
A3367-15	15		63	133	83	48	16
A3367-16	16		63	133	83	48	16



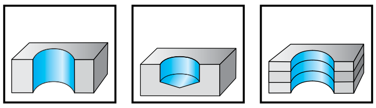
DIN 6535 HA

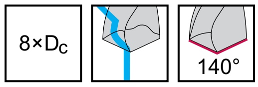
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide micro twist drills
DB133 Supreme

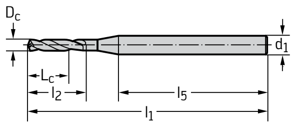




B1

	P	M	K	N	S	H	O
WJ30ER	●●		●●	●●	●	●	●

Tool



DIN 6535 HA

Designation	m7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30ER
DB133-08-00.500A0-	0,5		5,2	48	6	35	3	
DB133-08-00.600A0-	0,6		6,1	48	7	34	3	
DB133-08-00.700A0-	0,7		6,9	50	8	35	3	
DB133-08-00.750A0-	0,75		7,8	50	9	34	3	
DB133-08-00.794A0-	0,794	1/32"	7,8	50	9	34	3	
DB133-08-00.800A0-	0,8		7,8	50	9	34	3	
DB133-08-00.880A0-	0,88		8,6	53	10	36	3	
DB133-08-00.900A0-	0,9		8,6	53	10	36	3	
DB133-08-00.950A0-	0,95		10,5	53	12	34	3	
DB133-08-01.000A0-	1		10,5	53	12	34	3	
DB133-08-01.050A0-	1,05		11	54	13	35	3	
DB133-08-01.100A0-	1,1		11	54	13	35	3	
DB133-08-01.191A0-	1,191	3/64"	12	54	14	34	3	
DB133-08-01.200A0-	1,2		12	54	14	34	3	
DB133-08-01.250A0-	1,25		12	54	14	34	3	
DB133-08-01.300A0-	1,3		13	57	15	36	3	
DB133-08-01.350A0-	1,35		13	57	16	35	3	
DB133-08-01.400A0-	1,4		13	57	16	35	3	
DB133-08-01.450A0-	1,45		14	57	17	34	3	
DB133-08-01.500A0-	1,5		14	57	17	34	3	
DB133-08-01.550A0-	1,55		15	60	18	37	3	
DB133-08-01.588A0-	1,588	1/16"	15	60	18	37	3	
DB133-08-01.600A0-	1,6		15	60	18	37	3	
DB133-08-01.650A0-	1,65		17	60	20	35	3	
DB133-08-01.700A0-	1,7		17	60	20	35	3	
DB133-08-01.750A0-	1,75		18	60	21	34	3	
DB133-08-01.800A0-	1,8		18	60	21	34	3	
DB133-08-01.820A0-	1,82		19	63	22	36	3	
DB133-08-01.850A0-	1,85		19	63	22	36	3	
DB133-08-01.900A0-	1,9		19	63	22	36	3	
DB133-08-01.950A0-	1,95		20	63	23	35	3	
DB133-08-01.984A0-	1,984	5/64"	20	63	23	35	3	
DB133-08-02.000A0-	2		20	63	23	35	3	
DB133-08-02.050A0-	2,05		20	63	24	35	3	
DB133-08-02.100A0-	2,1		20	63	24	35	3	

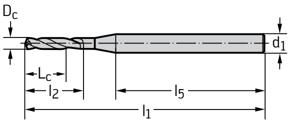
Ordering example for the grade WJ30ER: DB133-08-00.500A0-WJ30ER

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



DIN 6535 HA

Designation	m7	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30ER
DB133-08-02.150A0-	2,15		21	63	25	34	3	
DB133-08-02.200A0-	2,2		21	63	25	34	3	
DB133-08-02.250A0-	2,25		22	67	26	37	3	
DB133-08-02.300A0-	2,3		22	67	26	37	3	
DB133-08-02.350A0-	2,35		24	67	28	35	3	
DB133-08-02.381A0-	2,381	3/32"	24	67	28	35	3	
DB133-08-02.400A0-	2,4		24	67	28	35	3	
DB133-08-02.450A0-	2,45		25	67	29	34	3	
DB133-08-02.500A0-	2,5		25	67	29	34	3	
DB133-08-02.550A0-	2,55		26	71	30	37	3	
DB133-08-02.600A0-	2,6		26	71	30	37	3	
DB133-08-02.650A0-	2,65		26	71	31	37	3	
DB133-08-02.700A0-	2,7		26	71	31	37	3	
DB133-08-02.750A0-	2,75		27	71	32	36	3	
DB133-08-02.778A0-	2,778	7/64"	27	71	32	36	3	
DB133-08-02.800A0-	2,8		27	71	32	36	3	
DB133-08-02.850A0-	2,85		28	71	33	35	3	
DB133-08-02.900A0-	2,9		28	71	33	35	3	
DB133-08-02.950A0-	2,95		29	71	34	34	3	

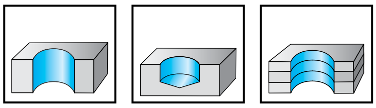
Ordering example for the grade WJ30ER: DB133-08-00.500A0-WJ30ER

Solid carbide twist drills

A1276TFL

Alpha® 22

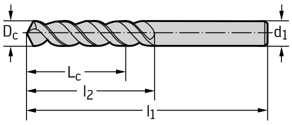
8×D_c | DIN 338 | 140°



	P	M	K	N	S	H	O
TFL	●●		●●	●●	●		

B1

Tool



Cylindrical shank

Designation	D_c h7	L_c mm	l_1 mm	l_2 mm	d_1 h6
A1276TFL-3	3	28	61	33	3
A1276TFL-3.1	3,1	30	65	36	3,1
A1276TFL-3.2	3,2	30	65	36	3,2
A1276TFL-3.3	3,3	30	65	36	3,3
A1276TFL-3.4	3,4	33	70	39	3,4
A1276TFL-3.5	3,5	33	70	39	3,5
A1276TFL-3.7	3,7	33	70	39	3,7
A1276TFL-3.8	3,8	36	75	43	3,8
A1276TFL-4	4	36	75	43	4
A1276TFL-4.2	4,2	36	75	43	4,2
A1276TFL-4.3	4,3	39	80	47	4,3
A1276TFL-4.5	4,5	39	80	47	4,5
A1276TFL-4.7	4,7	39	80	47	4,7
A1276TFL-4.8	4,8	44	86	52	4,8
A1276TFL-5	5	44	86	52	5
A1276TFL-5.1	5,1	44	86	52	5,1
A1276TFL-5.2	5,2	44	86	52	5,2
A1276TFL-5.5	5,5	48	93	57	5,5
A1276TFL-5.8	5,8	48	93	57	5,8
A1276TFL-6	6	48	93	57	6
A1276TFL-6.1	6,1	52	101	63	6,1
A1276TFL-6.5	6,5	52	101	63	6,5
A1276TFL-6.6	6,6	52	101	63	6,6
A1276TFL-6.8	6,8	57	109	69	6,8
A1276TFL-7	7	57	109	69	7
A1276TFL-8	8	62	117	75	8
A1276TFL-8.5	8,5	62	117	75	8,5
A1276TFL-9	9	66	125	81	9
A1276TFL-10	10	71	133	87	10
A1276TFL-10.2	10,2	71	133	87	10,2

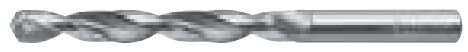
WALTER SELECT

●● Primary application ● Other application

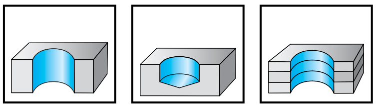
Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide twist drills

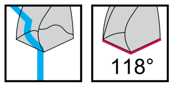
A1263



– Type N

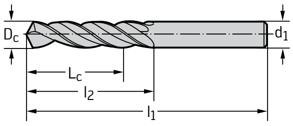


8×Dc | DIN 338



	P	M	K	N	S	H	O
uncoated			●	●●	●		●●

Tool



Cylindrical shank

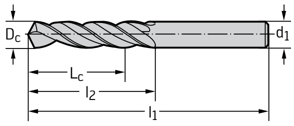
Designation	h7	L_c mm	l_1 mm	l_2 mm	h6
A1263-0.6	0,6	6,1	24	7	0,6
A1263-0.7	0,7	7,8	28	9	0,7
A1263-0.8	0,8	8,7	30	10	0,8
A1263-0.9	0,9	9,5	32	11	0,9
A1263-1	1	10	34	12	1
A1263-1.1	1,1	12	36	14	1,1
A1263-1.2	1,2	14	38	16	1,2
A1263-1.3	1,3	14	38	16	1,3
A1263-1.4	1,4	15	40	18	1,4
A1263-1.5	1,5	15	40	18	1,5
A1263-1.6	1,6	17	43	20	1,6
A1263-1.7	1,7	17	43	20	1,7
A1263-1.8	1,8	19	46	22	1,8
A1263-1.9	1,9	19	46	22	1,9
A1263-2	2	20	49	24	2
A1263-2.1	2,1	20	49	24	2,1
A1263-2.2	2,2	23	53	27	2,2
A1263-2.3	2,3	23	53	27	2,3
A1263-2.4	2,4	26	57	30	2,4
A1263-2.5	2,5	26	57	30	2,5
A1263-2.6	2,6	26	57	30	2,6
A1263-2.7	2,7	28	61	33	2,7
A1263-2.8	2,8	28	61	33	2,8
A1263-2.9	2,9	28	61	33	2,9
A1263-3	3	28	61	33	3
A1263-3.1	3,1	30	65	36	3,1
A1263-3.2	3,2	30	65	36	3,2
A1263-3.3	3,3	30	65	36	3,3
A1263-3.4	3,4	33	70	39	3,4
A1263-3.5	3,5	33	70	39	3,5
A1263-3.6	3,6	33	70	39	3,6
A1263-3.7	3,7	33	70	39	3,7
A1263-3.8	3,8	36	75	43	3,8
A1263-3.9	3,9	36	75	43	3,9
A1263-4	4	36	75	43	4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

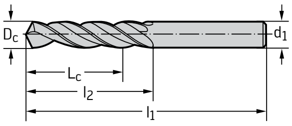
Tool



Cylindrical shank

Designation	h7	L_c mm	l_1 mm	l_2 mm	h6
A1263-4.1	4,1	36	75	43	4,1
A1263-4.2	4,2	36	75	43	4,2
A1263-4.3	4,3	39	80	47	4,3
A1263-4.4	4,4	39	80	47	4,4
A1263-4.5	4,5	39	80	47	4,5
A1263-4.6	4,6	39	80	47	4,6
A1263-4.7	4,7	39	80	47	4,7
A1263-4.8	4,8	44	86	52	4,8
A1263-4.9	4,9	44	86	52	4,9
A1263-5	5	44	86	52	5
A1263-5.1	5,1	44	86	52	5,1
A1263-5.2	5,2	44	86	52	5,2
A1263-5.3	5,3	44	86	52	5,3
A1263-5.4	5,4	48	93	57	5,4
A1263-5.5	5,5	48	93	57	5,5
A1263-5.6	5,6	48	93	57	5,6
A1263-5.7	5,7	48	93	57	5,7
A1263-5.8	5,8	48	93	57	5,8
A1263-5.9	5,9	48	93	57	5,9
A1263-6	6	48	93	57	6
A1263-6.1	6,1	52	101	63	6,1
A1263-6.2	6,2	52	101	63	6,2
A1263-6.3	6,3	52	101	63	6,3
A1263-6.4	6,4	52	101	63	6,4
A1263-6.5	6,5	52	101	63	6,5
A1263-6.6	6,6	52	101	63	6,6
A1263-6.7	6,7	52	101	63	6,7
A1263-6.8	6,8	57	109	69	6,8
A1263-6.9	6,9	57	109	69	6,9
A1263-7	7	57	109	69	7
A1263-7.1	7,1	57	109	69	7,1
A1263-7.2	7,2	57	109	69	7,2
A1263-7.3	7,3	57	109	69	7,3
A1263-7.4	7,4	57	109	69	7,4
A1263-7.5	7,5	57	109	69	7,5
A1263-7.6	7,6	62	117	75	7,6
A1263-7.7	7,7	62	117	75	7,7
A1263-7.8	7,8	62	117	75	7,8
A1263-7.9	7,9	62	117	75	7,9
A1263-8	8	62	117	75	8
A1263-8.1	8,1	62	117	75	8,1
A1263-8.2	8,2	62	117	75	8,2
A1263-8.3	8,3	62	117	75	8,3
A1263-8.4	8,4	62	117	75	8,4
A1263-8.5	8,5	62	117	75	8,5
A1263-8.6	8,6	66	125	81	8,6
A1263-8.7	8,7	66	125	81	8,7
A1263-8.8	8,8	66	125	81	8,8

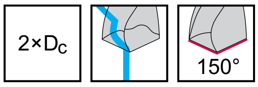
Tool

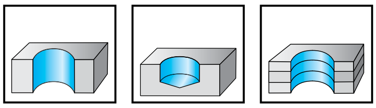


Cylindrical shank

Designation	h7	L_c mm	l_1 mm	l_2 mm	h6
A1263-8.9	8,9	66	125	81	8,9
A1263-9	9	66	125	81	9
A1263-9.1	9,1	66	125	81	9,1
A1263-9.2	9,2	66	125	81	9,2
A1263-9.3	9,3	66	125	81	9,3
A1263-9.4	9,4	66	125	81	9,4
A1263-9.5	9,5	66	125	81	9,5
A1263-9.6	9,6	71	133	87	9,6
A1263-9.7	9,7	71	133	87	9,7
A1263-9.8	9,8	71	133	87	9,8
A1263-9.9	9,9	71	133	87	9,9
A1263-10	10	71	133	87	10
A1263-10.2	10,2	71	133	87	10,2
A1263-10.5	10,5	71	133	87	10,5
A1263-10.8	10,8	76	142	94	10,8
A1263-11	11	76	142	94	11
A1263-11.2	11,2	76	142	94	11,2
A1263-11.5	11,5	76	142	94	11,5
A1263-11.8	11,8	76	142	94	11,8
A1263-12	12	87	151	101	12

Solid carbide micro pilot drills
DB131 Supreme

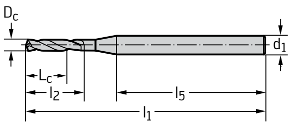




	P	M	K	N	S	H	O
WJ30EL	●●	●●	●●	●●	●	●	●

B1

Tool



DIN 6535 HA

Designation	p7	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	l5 mm	h6	WJ30EL
DB131-02-00.500A0-	0,5		2,2	47	3	37	3	
DB131-02-00.600A0-	0,6		2,1	47	3	37	3	
DB131-02-00.700A0-	0,7		2,9	48	4	39	3	
DB131-02-00.750A0-	0,75		2,8	48	4	37	3	
DB131-02-00.794A0-	0,794	1/32"	2,8	48	4	37	3	
DB131-02-00.800A0-	0,8		2,8	48	4	37	3	
DB131-02-00.850A0-	0,85		3,6	50	5	38	3	
DB131-02-00.900A0-	0,9		3,6	50	5	38	3	
DB131-02-00.950A0-	0,95		3,5	50	5	38	3	
DB131-02-01.000A0-	1		3,5	50	5	38	3	
DB131-02-01.050A0-	1,05		4	51	6	39	3	
DB131-02-01.100A0-	1,1		4	51	6	39	3	
DB131-02-01.150A0-	1,15		4	51	6	39	3	
DB131-02-01.191A0-	1,191	3/64"	4	51	6	39	3	
DB131-02-01.200A0-	1,2		4	51	6	39	3	
DB131-02-01.250A0-	1,25		4	51	6	39	3	
DB131-02-01.300A0-	1,3		5	53	7	40	3	
DB131-02-01.350A0-	1,35		4	53	7	40	3	
DB131-02-01.400A0-	1,4		4	53	7	40	3	
DB131-02-01.450A0-	1,45		5	53	8	39	3	
DB131-02-01.500A0-	1,5		5	53	8	39	3	
DB131-02-01.550A0-	1,55		5	54	8	41	3	
DB131-02-01.588A0-	1,588	1/16"	5	54	8	41	3	
DB131-02-01.600A0-	1,6		5	54	8	41	3	
DB131-02-01.650A0-	1,65		6	54	9	40	3	
DB131-02-01.700A0-	1,7		6	54	9	40	3	
DB131-02-01.750A0-	1,75		6	54	9	40	3	
DB131-02-01.800A0-	1,8		6	54	9	40	3	
DB131-02-01.850A0-	1,85		7	57	10	42	3	
DB131-02-01.900A0-	1,9		7	57	10	42	3	
DB131-02-01.950A0-	1,95		7	57	10	42	3	
DB131-02-01.984A0-	1,984	5/64"	7	57	10	42	3	

Ordering example for the grade WJ30EL: DB131-02-00.500A0-WJ30EL

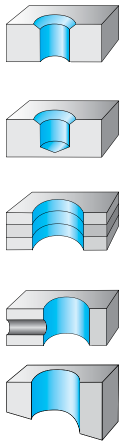
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

B1

Drilling/chamfering tools



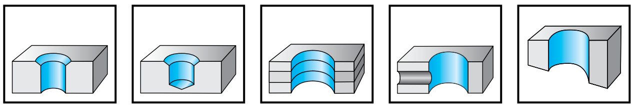
Drilling depth		

Designation	P6200 Tiger·tec®	D4580 Xtra·tec®
Additional services		
Standard		
Coating / grade	WSP45G	
Shank		Cylindrical shank with collar
Diameter range [mm]	–	–
P Steel		●●
M Stainless steel		●●
K Cast iron		●●
N NF metals		●●
S Materials with difficult cutting properties		●●
H Hard materials		
O Other		
Page in catalogue	**B 187**	**B 185**
QR code		
www.walter-tools.com/woc/	VCGX	D4580

WALTER SELECT ●● **Primary application** ● **Other application**

Chamfering tool
D4580 inch
Xtra·tec®

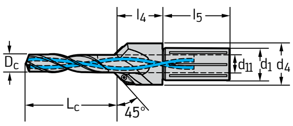
Z=2



	P	M	K	N	S	H	O
D4580	●●	●●	●●	●●	●●		

B1

Tool

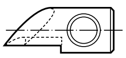
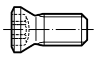
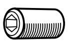


Zylinderschaft mit Bund

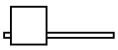
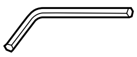
Designation	D_{cmin} inch	$D_{c\,max}$ inch	d_{11} inch	d_1 inch	d_4 inch	l_4 inch	l_5 inch	lbs	No. of inserts	Type
D4580.45-06.00A13-VC09	0,157	0,236	0,236	0,500	0,827	1,000	1,614	0,001	2	VC .. 09 ..
D4580.45-08.00A15-VC09	0,24	0,315	0,315	0,625	0,984	1,000	1,752	0,002	2	
D4580.45-10.00A15-VC09	0,319	0,394	0,394	0,625	0,984	1,000	1,752	0,002	2	
D4580.45-12.00A19-VC09	0,398	0,472	0,472	0,750	1,102	1,000	1,831	0,002	2	
D4580.45-14.00A19-VC09	0,476	0,551	0,551	0,750	1,181	1,000	1,831	0,003	2	
D4580.45-16.00A26-VC09	0,555	0,630	0,630	1,000	1,260	1,339	2,087	0,003	2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D_{cmin}	0,16–0,56
	Cartridge	FK390
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm
	Adjusting screw	FS2029 (SW 1,5)

Accessories

	D_{cmin}	0,16–0,56
	Torx key	FS1490 (T7IP)
	Keys	ISO2936-1,5 (SW 1,5)

WALTER SELECT

●● Primary application ● Other application

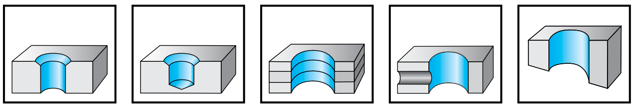
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Chamfering tool

D4580 mm

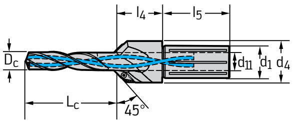
Xtra·tec®

Z=2



	P	M	K	N	S	H	O
D4580	●●	●●	●●	●●	●●		

Tool

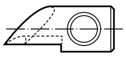
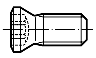
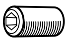


Zylinderschaft mit Bund

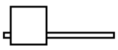
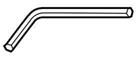
Designation	D_{cmin} mm	$D_{c\,max}$ mm	d_{11} mm	d_1 mm	d_4 mm	l_4 mm	l_5 mm	kg	No. of inserts	Type
D4580-45-06.00A12-VC09	4	6	6	12	21	25	41	0,03	2	VC .. 09 ..
D4580-45-08.00A16-VC09	6,1	8	8	16	25	25	44,5	0,04	2	
D4580-45-10.00A16-VC09	8,1	10	10	16	25	25	44,5	0,05	2	
D4580-45-12.00A20-VC09	10,1	12	12	20	28	25	46,5	0,06	2	
D4580-45-14.00A20-VC09	12,1	14	14	20	30	25	46,5	0,07	2	
D4580-45-16.00A25-VC09	14,1	16	16	25	32	34	53	0,08	2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D_{cmin}	4–14,1
	Cartridge	FK390
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm
	Adjusting screw	FS2029 (SW 1,5)

Accessories

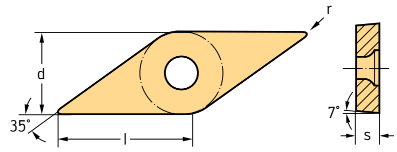
	D_{cmin}	4–14,1
	Torx key	FS1490 (T7IP)
	Keys	ISO2936-1,5 (SW 1,5)

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good =  → Average =  → Poor =  machining conditions

Positive rhombic 35°
VCGX



Indexable inserts

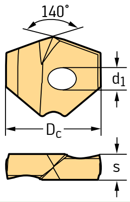
	Designation	Number of cutting edges	l mm	r mm	s mm	d mm	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	S HC WSP45G
	VCGX0902ACFR	2	9	0,2	2,5	5,556	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

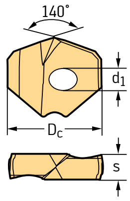
WALTER SELECT Optimum indexable insert for ➔ Good = 🙂 ➔ Average = 😐 ➔ Poor = ☹ machining conditions

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006

P6001
P6003
P6004

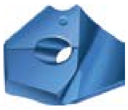


P6005



B1

Interchangeable inserts



Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6001-D12,00R	1	12	A	3	3,6			😐				
P6001-D12,10R	1	12,1	A	3	3,6			😐				
P6001-D12,20R	1	12,2	A	3	3,6			😐				
P6001-D12,30R	1	12,3	A	3	3,6			😐				
P6001-D12,40R	1	12,4	A	3	3,6			😐				
P6001-D12,50R	1	12,5	A	3	3,6			😐				
P6001-D12,60R	1	12,6	A	3	3,6			😐				
P6001-D12,70R	1	12,7	A	3	3,6			😐				
P6001-D12,80R	1	12,8	A	3	3,6			😐				
P6001-D12,90R	1	12,9	A	3	3,6			😐				
P6001-D12,95R	1	12,95	A	3	3,6			😐				
P6001-D13,00R	1	13	A	3	3,6			😐				
P6001-D13,11R	1	13,11	A	3	3,6			😐				
P6001-D13,20R	1	13,2	A	3	3,6			😐				
P6001-D13,25R	1	13,25	A	3	3,6			😐				
P6001-D13,30R	1	13,3	A	3	3,6			😐				
P6001-D13,40R	1	13,4	A	3	3,6			😐				
P6001-D13,50R	1	13,5	A	3	3,6			😐				
P6001-D13,60R	1	13,6	A	3	3,6			😐				
P6001-D13,70R	1	13,7	A	3	3,6			😐				
P6001-D13,80R	1	13,8	A	3	3,6			😐				
P6001-D13,89R	1	13,89	A	3	3,6			😐				
P6001-D14,00R	1	14	B	3	4			😐				
P6001-D14,10R	1	14,1	B	3	4			😐				
P6001-D14,20R	1	14,2	B	3	4			😐				
P6001-D14,30R	1	14,3	B	3	4			😐				
P6001-D14,40R	1	14,4	B	3	4			😐				
P6001-D14,50R	1	14,5	B	3	4			😐				
P6001-D14,60R	1	14,6	B	3	4			😐				
P6001-D14,68R	1	14,68	B	3	4			😐				
P6001-D14,80R	1	14,8	B	3	4			😐				
P6001-D14,90R	1	14,9	B	3	4			😐				
P6001-D15,00R	1	15	B	3	4			😐				
P6001-D15,09R	1	15,09	B	3	4			😐				
P6001-D15,20R	1	15,2	B	3	4			😐				
P6001-D15,30R	1	15,3	B	3	4			😐				
P6001-D15,40R	1	15,4	B	3	4			😐				
P6001-D15,47R	1	15,47	B	3	4			😐				
P6001-D15,50R	1	15,5	B	3	4			😐				
P6001-D15,60R	1	15,6	B	3	4			😐				
P6001-D15,70R	1	15,7	B	3	4			😐				
P6001-D15,80R	1	15,8	B	3	4			😐				
P6001-D15,87R	1	15,87	B	3	4			😐				

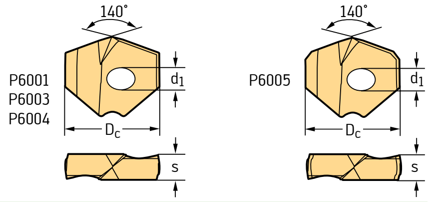
Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

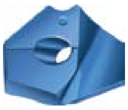
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

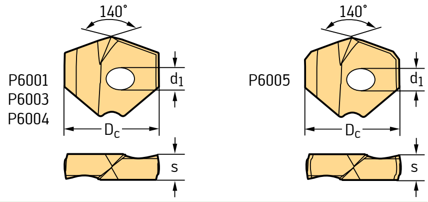


Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6001-D16,00R	1	16	C	4	4,5			●				
P6001-D16,13R	1	16,13	C	4	4,5			●				
P6001-D16,26R	1	16,26	C	4	4,5			●				
P6001-D16,43R	1	16,43	C	4	4,5			●				
P6001-D16,50R	1	16,5	C	4	4,5			●				
P6001-D16,66R	1	16,66	C	4	4,5			●				
P6001-D16,70R	1	16,7	C	4	4,5			●				
P6001-D17,00R	1	17	C	4	4,5			●				
P6001-D17,07R	1	17,07	C	4	4,5			●				
P6001-D17,20R	1	17,2	C	4	4,5			●				
P6001-D17,45R	1	17,45	C	4	4,5			●				
P6001-D17,50R	1	17,5	C	4	4,5			●				
P6001-D17,70R	1	17,7	C	4	4,5			●				
P6001-D17,86R	1	17,86	C	4	4,5			●				
P6001-D18,00R	1	18	D	4	5			●				
P6001-D18,24R	1	18,24	D	4	5			●				
P6001-D18,50R	1	18,5	D	4	5			●				
P6001-D18,65R	1	18,65	D	4	5			●				
P6001-D18,70R	1	18,7	D	4	5			●				
P6001-D18,80R	1	18,8	D	4	5			●				
P6001-D19,00R	1	19	D	4	5			●				
P6001-D19,05R	1	19,05	D	4	5			●				
P6001-D19,20R	1	19,2	D	4	5			●				
P6001-D19,25R	1	19,25	D	4	5			●				
P6001-D19,30R	1	19,3	D	4	5			●				
P6001-D19,43R	1	19,43	D	4	5			●				
P6001-D19,50R	1	19,5	D	4	5			●				
P6001-D19,60R	1	19,6	D	4	5			●				
P6001-D19,70R	1	19,7	D	4	5			●				
P6001-D19,84R	1	19,84	D	4	5			●				
P6001-D20,00R	1	20	E	5	5,5			●				
P6001-D20,20R	1	20,2	E	5	5,5			●				
P6001-D20,24R	1	20,24	E	5	5,5			●				
P6001-D20,50R	1	20,5	E	5	5,5			●				
P6001-D20,62R	1	20,62	E	5	5,5			●				
P6001-D20,70R	1	20,7	E	5	5,5			●				
P6001-D21,00R	1	21	E	5	5,5			●				
P6001-D21,41R	1	21,41	E	5	5,5			●				
P6001-D21,50R	1	21,5	E	5	5,5			●				
P6001-D21,70R	1	21,7	E	5	5,5			●				
P6001-D21,83R	1	21,83	E	5	5,5			●				
P6001-D22,00R	1	22	F	5	6			●				
P6001-D22,22R	1	22,22	F	5	6			●				

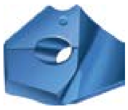
Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts



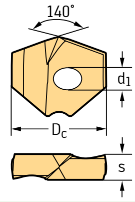
Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC			M HC	K HC	N HC	S HC
						WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
P6001-D22,42R	1	22,42	F	5	6			●				
P6001-D22,47R	1	22,47	F	5	6			●				
P6001-D22,50R	1	22,5	F	5	6			●				
P6001-D22,62R	1	22,62	F	5	6			●				
P6001-D22,70R	1	22,7	F	5	6			●				
P6001-D22,77R	1	22,77	F	5	6			●				
P6001-D23,00R	1	23	F	5	6			●				
P6001-D23,39R	1	23,39	F	5	6			●				
P6001-D23,50R	1	23,5	F	5	6			●				
P6001-D23,70R	1	23,7	F	5	6			●				
P6001-D23,80R	1	23,8	F	5	6			●				
P6001-D24,00R	1	24	G	5	6,5			●				
P6001-D24,21R	1	24,21	G	5	6,5			●				
P6001-D24,50R	1	24,5	G	5	6,5			●				
P6001-D24,59R	1	24,59	G	5	6,5			●				
P6001-D24,70R	1	24,7	G	5	6,5			●				
P6001-D25,00R	1	25	G	5	6,5			●				
P6001-D25,25R	1	25,25	G	5	6,5			●				
P6001-D25,40R	1	25,4	G	5	6,5			●				
P6001-D25,50R	1	25,5	G	5	6,5			●				
P6001-D25,65R	1	25,65	G	5	6,5			●				
P6001-D25,70R	1	25,7	G	5	6,5			●				
P6001-D25,80R	1	25,8	G	5	6,5			●				
P6001-D26,00R	1	26	H	6	7,1			●				
P6001-D26,25R	1	26,25	H	6	7,1			●				
P6001-D26,50R	1	26,5	H	6	7,1			●				
P6001-D26,59R	1	26,59	H	6	7,1			●				
P6001-D27,00R	1	27	H	6	7,1			●				
P6001-D27,38R	1	27,38	H	6	7,1			●				
P6001-D27,50R	1	27,5	H	6	7,1			●				
P6001-D27,78R	1	27,78	H	6	7,1			●				
P6001-D28,00R	1	28	J	6	7,7			●				
P6001-D28,17R	1	28,17	J	6	7,7			●				
P6001-D28,50R	1	28,5	J	6	7,7			●				
P6001-D28,57R	1	28,57	J	6	7,7			●				
P6001-D29,00R	1	29	J	6	7,7			●				
P6001-D29,37R	1	29,37	J	6	7,7			●				
P6001-D29,50R	1	29,5	J	6	7,7			●				
P6001-D29,77R	1	29,77	J	6	7,7			●				
P6001-D30,00R	1	30	K	6	8			●				
P6001-D30,15R	1	30,15	K	6	8			●				
P6001-D30,50R	1	30,5	K	6	8			●				
P6001-D31,00R	1	31	K	6	8			●				

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

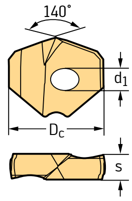
HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006

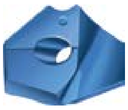
P6001
P6003
P6004



P6005



Interchangeable inserts

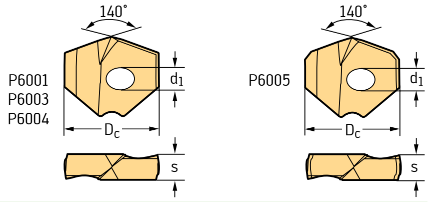
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6001-D31,50R	1	31,5	K	6	8			😐				
	P6001-D31,75R	1	31,75	K	6	8			😐				
	P6001-D31,99R	1	31,99	K	6	8			😐				
	P6001-D32,00R	1	32	M	6	8,3			😐				
	P6001-D32,10R	1	32,1	M	6	8,3			😐				
	P6001-D33,00R	1	33	M	6	8,3			😐				
	P6001-D34,00R	1	34	N	6	8,6			😐				
	P6001-D35,00R	1	35	N	6	8,6			😐				
	P6001-D36,00R	1	36	P	6	8,9			😐				
	P6001-D37,00R	1	37	P	6	8,9			😐				
	P6001-D37,99R	1	37,99	P	6	8,9			😐				
	P6003-D12,00R	1	12	A	3	3,6	☹			😐			😐
	P6003-D12,10R	1	12,1	A	3	3,6	☹			😐			😐
	P6003-D12,20R	1	12,2	A	3	3,6	☹			😐			😐
	P6003-D12,30R	1	12,3	A	3	3,6	☹			😐			😐
	P6003-D12,40R	1	12,4	A	3	3,6	☹			😐			😐
	P6003-D12,50R	1	12,5	A	3	3,6	☹			😐			😐
	P6003-D12,60R	1	12,6	A	3	3,6	☹			😐			😐
	P6003-D12,70R	1	12,7	A	3	3,6	☹			😐			😐
	P6003-D12,80R	1	12,8	A	3	3,6	☹			😐			😐
	P6003-D12,90R	1	12,9	A	3	3,6	☹			😐			😐
	P6003-D12,95R	1	12,95	A	3	3,6	☹			😐			😐
	P6003-D13,00R	1	13	A	3	3,6	☹			😐			😐
	P6003-D13,11R	1	13,11	A	3	3,6	☹			😐			😐
	P6003-D13,20R	1	13,2	A	3	3,6	☹			😐			😐
	P6003-D13,25R	1	13,25	A	3	3,6	☹			😐			😐
	P6003-D13,30R	1	13,3	A	3	3,6	☹			😐			😐
	P6003-D13,40R	1	13,4	A	3	3,6	☹			😐			😐
	P6003-D13,50R	1	13,5	A	3	3,6	☹			😐			😐
	P6003-D13,60R	1	13,6	A	3	3,6	☹			😐			😐
	P6003-D13,70R	1	13,7	A	3	3,6	☹			😐			😐
	P6003-D13,80R	1	13,8	A	3	3,6	☹			😐			😐
	P6003-D13,89R	1	13,89	A	3	3,6	☹			😐			😐
	P6003-D14,00R	1	14	B	3	4	☹			😐			😐
	P6003-D14,10R	1	14,1	B	3	4	☹			😐			😐
	P6003-D14,20R	1	14,2	B	3	4	☹			😐			😐
	P6003-D14,30R	1	14,3	B	3	4	☹			😐			😐
	P6003-D14,40R	1	14,4	B	3	4	☹			😐			😐
	P6003-D14,50R	1	14,5	B	3	4	☹			😐			😐
	P6003-D14,60R	1	14,6	B	3	4	☹			😐			😐
	P6003-D14,68R	1	14,68	B	3	4	☹			😐			😐
	P6003-D14,80R	1	14,8	B	3	4	☹			😐			😐
	P6003-D14,90R	1	14,9	B	3	4	☹			😐			😐

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

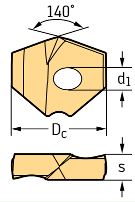
Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6003-D15,00R	1	15	B	3	4	●			●			●
P6003-D15,09R	1	15,09	B	3	4	●			●			●
P6003-D15,20R	1	15,2	B	3	4	●			●			●
P6003-D15,30R	1	15,3	B	3	4	●			●			●
P6003-D15,40R	1	15,4	B	3	4	●			●			●
P6003-D15,47R	1	15,47	B	3	4	●			●			●
P6003-D15,50R	1	15,5	B	3	4	●			●			●
P6003-D15,60R	1	15,6	B	3	4	●			●			●
P6003-D15,70R	1	15,7	B	3	4	●			●			●
P6003-D15,80R	1	15,8	B	3	4	●			●			●
P6003-D15,87R	1	15,87	B	3	4	●			●			●
P6003-D16,00R	1	16	C	4	4,5	●			●			●
P6003-D16,13R	1	16,13	C	4	4,5	●			●			●
P6003-D16,26R	1	16,26	C	4	4,5	●			●			●
P6003-D16,43R	1	16,43	C	4	4,5	●			●			●
P6003-D16,50R	1	16,5	C	4	4,5	●			●			●
P6003-D16,66R	1	16,66	C	4	4,5	●			●			●
P6003-D16,70R	1	16,7	C	4	4,5	●			●			●
P6003-D17,00R	1	17	C	4	4,5	●			●			●
P6003-D17,07R	1	17,07	C	4	4,5	●			●			●
P6003-D17,20R	1	17,2	C	4	4,5	●			●			●
P6003-D17,45R	1	17,45	C	4	4,5	●			●			●
P6003-D17,50R	1	17,5	C	4	4,5	●			●			●
P6003-D17,70R	1	17,7	C	4	4,5	●			●			●
P6003-D17,86R	1	17,86	C	4	4,5	●			●			●
P6003-D18,00R	1	18	D	4	5	●			●			●
P6003-D18,24R	1	18,24	D	4	5	●			●			●
P6003-D18,50R	1	18,5	D	4	5	●			●			●
P6003-D18,65R	1	18,65	D	4	5	●			●			●
P6003-D18,70R	1	18,7	D	4	5	●			●			●
P6003-D18,80R	1	18,8	D	4	5	●			●			●
P6003-D19,00R	1	19	D	4	5	●			●			●
P6003-D19,05R	1	19,05	D	4	5	●			●			●
P6003-D19,20R	1	19,2	D	4	5	●			●			●
P6003-D19,25R	1	19,25	D	4	5	●			●			●
P6003-D19,30R	1	19,3	D	4	5	●			●			●
P6003-D19,43R	1	19,43	D	4	5	●			●			●
P6003-D19,50R	1	19,5	D	4	5	●			●			●
P6003-D19,60R	1	19,6	D	4	5	●			●			●
P6003-D19,70R	1	19,7	D	4	5	●			●			●
P6003-D19,84R	1	19,84	D	4	5	●			●			●
P6003-D20,00R	1	20	E	5	5,5	●			●			●
P6003-D20,20R	1	20,2	E	5	5,5	●			●			●

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

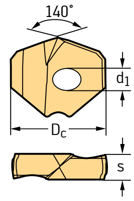
HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006

P6001
P6003
P6004



P6005



Interchangeable inserts

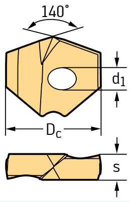
Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6003-D20,24R	1	20,24	E	5	5,5	☹			😐			😐
P6003-D20,50R	1	20,5	E	5	5,5	☹			😐			😐
P6003-D20,62R	1	20,62	E	5	5,5	☹			😐			😐
P6003-D20,70R	1	20,7	E	5	5,5	☹			😐			😐
P6003-D21,00R	1	21	E	5	5,5	☹			😐			😐
P6003-D21,41R	1	21,41	E	5	5,5	☹			😐			😐
P6003-D21,50R	1	21,5	E	5	5,5	☹			😐			😐
P6003-D21,70R	1	21,7	E	5	5,5	☹			😐			😐
P6003-D21,83R	1	21,83	E	5	5,5	☹			😐			😐
P6003-D22,00R	1	22	F	5	6	☹			😐			😐
P6003-D22,22R	1	22,22	F	5	6	☹			😐			😐
P6003-D22,42R	1	22,42	F	5	6	☹			😐			😐
P6003-D22,47R	1	22,47	F	5	6	☹			😐			😐
P6003-D22,50R	1	22,5	F	5	6	☹			😐			😐
P6003-D22,62R	1	22,62	F	5	6	☹			😐			😐
P6003-D22,70R	1	22,7	F	5	6	☹			😐			😐
P6003-D22,77R	1	22,77	F	5	6	☹			😐			😐
P6003-D23,00R	1	23	F	5	6	☹			😐			😐
P6003-D23,39R	1	23,39	F	5	6	☹			😐			😐
P6003-D23,50R	1	23,5	F	5	6	☹			😐			😐
P6003-D23,70R	1	23,7	F	5	6	☹			😐			😐
P6003-D23,80R	1	23,8	F	5	6	☹			😐			😐
P6003-D24,00R	1	24	G	5	6,5	☹			😐			😐
P6003-D24,21R	1	24,21	G	5	6,5	☹			😐			😐
P6003-D24,50R	1	24,5	G	5	6,5	☹			😐			😐
P6003-D24,59R	1	24,59	G	5	6,5	☹			😐			😐
P6003-D24,70R	1	24,7	G	5	6,5	☹			😐			😐
P6003-D25,00R	1	25	G	5	6,5	☹			😐			😐
P6003-D25,25R	1	25,25	G	5	6,5	☹			😐			😐
P6003-D25,40R	1	25,4	G	5	6,5	☹			😐			😐
P6003-D25,50R	1	25,5	G	5	6,5	☹			😐			😐
P6003-D25,65R	1	25,65	G	5	6,5	☹			😐			😐
P6003-D25,70R	1	25,7	G	5	6,5	☹			😐			😐
P6003-D25,80R	1	25,8	G	5	6,5	☹			😐			😐
P6003-D26,00R	1	26	H	6	7,1	☹			😐			😐
P6003-D26,25R	1	26,25	H	6	7,1	☹			😐			😐
P6003-D26,50R	1	26,5	H	6	7,1	☹			😐			😐
P6003-D26,59R	1	26,59	H	6	7,1	☹			😐			😐
P6003-D27,00R	1	27	H	6	7,1	☹			😐			😐
P6003-D27,38R	1	27,38	H	6	7,1	☹			😐			😐
P6003-D27,50R	1	27,5	H	6	7,1	☹			😐			😐
P6003-D27,78R	1	27,78	H	6	7,1	☹			😐			😐
P6003-D28,00R	1	28	J	6	7,7	☹			😐			😐

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

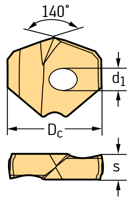
HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006

P6001
P6003
P6004



P6005



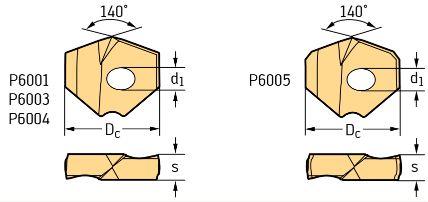
Interchangeable inserts

							P HC			M HC	K HC	N HC	S HC
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6003-D28,17R	1	28,17	J	6	7,7	☹			😐			😐
	P6003-D28,50R	1	28,5	J	6	7,7	☹			😐			😐
	P6003-D28,57R	1	28,57	J	6	7,7	☹			😐			😐
	P6003-D29,00R	1	29	J	6	7,7	☹			😐			😐
	P6003-D29,37R	1	29,37	J	6	7,7	☹			😐			😐
	P6003-D29,50R	1	29,5	J	6	7,7	☹			😐			😐
	P6003-D29,77R	1	29,77	J	6	7,7	☹			😐			😐
	P6003-D30,00R	1	30	K	6	8	☹			😐			😐
	P6003-D30,15R	1	30,15	K	6	8	☹			😐			😐
	P6003-D30,50R	1	30,5	K	6	8	☹			😐			😐
	P6003-D31,00R	1	31	K	6	8	☹			😐			😐
	P6003-D31,50R	1	31,5	K	6	8	☹			😐			😐
	P6003-D31,75R	1	31,75	K	6	8	☹			😐			😐
	P6003-D31,99R	1	31,99	K	6	8	☹			😐			😐
	P6003-D32,00R	1	32	M	6	8,3	☹			😐			😐
	P6003-D32,10R	1	32,1	M	6	8,3	☹			😐			😐
	P6003-D33,00R	1	33	M	6	8,3	☹			😐			😐
	P6003-D34,00R	1	34	N	6	8,6	☹			😐			😐
	P6003-D35,00R	1	35	N	6	8,6	☹			😐			😐
	P6003-D36,00R	1	36	P	6	8,9	☹			😐			😐
	P6003-D37,00R	1	37	P	6	8,9	☹			😐			😐
	P6003-D37,99R	1	37,99	P	6	8,9	☹			😐			😐
	P6004-D12,00R	1	12	A	3	3,6						😐	
	P6004-D12,50R	1	12,5	A	3	3,6						😐	
	P6004-D13,00R	1	13	A	3	3,6						😐	
	P6004-D13,50R	1	13,5	A	3	3,6						😐	
	P6004-D14,00R	1	14	B	3	4						😐	
	P6004-D14,50R	1	14,5	B	3	4						😐	
	P6004-D14,80R	1	14,8	B	3	4						😐	
	P6004-D15,00R	1	15	B	3	4						😐	
	P6004-D15,50R	1	15,5	B	3	4						😐	
	P6004-D16,00R	1	16	C	4	4,5						😐	
	P6004-D16,50R	1	16,5	C	4	4,5						😐	
	P6004-D16,66R	1	16,66	C	4	4,5						😐	
	P6004-D17,00R	1	17	C	4	4,5						😐	
	P6004-D17,50R	1	17,5	C	4	4,5						😐	
	P6004-D17,70R	1	17,7	C	4	4,5						😐	
	P6004-D18,00R	1	18	D	4	5						😐	
	P6004-D18,50R	1	18,5	D	4	5						😐	
	P6004-D18,65R	1	18,65	D	4	5						😐	
	P6004-D19,00R	1	19	D	4	5						😐	
	P6004-D19,50R	1	19,5	D	4	5						😐	
	P6004-D19,70R	1	19,7	D	4	5						😐	

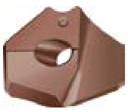
Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



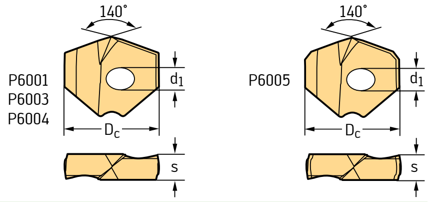
Interchangeable inserts

	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6004-D19,84R	1	19,84	D	4	5						●	
	P6004-D20,00R	1	20	E	5	5,5						●	
	P6004-D20,50R	1	20,5	E	5	5,5						●	
	P6004-D21,00R	1	21	E	5	5,5						●	
	P6004-D21,50R	1	21,5	E	5	5,5						●	
	P6004-D21,70R	1	21,7	E	5	5,5						●	
	P6004-D22,00R	1	22	F	5	6						●	
	P6004-D22,50R	1	22,5	F	5	6						●	
	P6004-D23,00R	1	23	F	5	6						●	
	P6004-D23,50R	1	23,5	F	5	6						●	
	P6004-D24,00R	1	24	G	5	6,5						●	
	P6004-D24,50R	1	24,5	G	5	6,5						●	
	P6004-D25,00R	1	25	G	5	6,5						●	
	P6004-D25,50R	1	25,5	G	5	6,5						●	
	P6004-D26,00R	1	26	H	6	7,1						●	
	P6004-D26,50R	1	26,5	H	6	7,1						●	
	P6004-D27,00R	1	27	H	6	7,1						●	
	P6004-D27,50R	1	27,5	H	6	7,1						●	
	P6004-D28,00R	1	28	J	6	7,7						●	
	P6004-D28,50R	1	28,5	J	6	7,7						●	
	P6004-D29,00R	1	29	J	6	7,7						●	
	P6004-D29,50R	1	29,5	J	6	7,7						●	
	P6004-D30,00R	1	30	K	6	8						●	
	P6004-D30,50R	1	30,5	K	6	8						●	
	P6004-D31,00R	1	31	K	6	8						●	
	P6004-D31,50R	1	31,5	K	6	8						●	
	P6005-D12,00R	1	12	A	3	3,6					●		
	P6005-D12,10R	1	12,1	A	3	3,6					●		
	P6005-D12,20R	1	12,2	A	3	3,6					●		
	P6005-D12,30R	1	12,3	A	3	3,6					●		
	P6005-D12,40R	1	12,4	A	3	3,6					●		
	P6005-D12,50R	1	12,5	A	3	3,6					●		
	P6005-D12,60R	1	12,6	A	3	3,6					●		
	P6005-D12,70R	1	12,7	A	3	3,6					●		
	P6005-D12,80R	1	12,8	A	3	3,6					●		
	P6005-D12,90R	1	12,9	A	3	3,6					●		
	P6005-D12,95R	1	12,95	A	3	3,6					●		
	P6005-D13,00R	1	13	A	3	3,6					●		
	P6005-D13,10R	1	13,1	A	3	3,6					●		
	P6005-D13,20R	1	13,2	A	3	3,6					●		
	P6005-D13,25R	1	13,25	A	3	3,6					●		
	P6005-D13,30R	1	13,3	A	3	3,6					●		
	P6005-D13,40R	1	13,4	A	3	3,6					●		

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

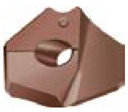
HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



B1

Interchangeable inserts



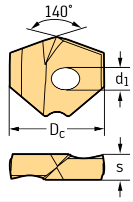
						P			M	K	N	S
						HC			HC	HC	HC	HC
Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
P6005-D13,49R	1	13,49	A	3	3,6					●		
P6005-D13,50R	1	13,5	A	3	3,6					●		
P6005-D13,60R	1	13,6	A	3	3,6					●		
P6005-D13,70R	1	13,7	A	3	3,6					●		
P6005-D13,80R	1	13,8	A	3	3,6					●		
P6005-D13,90R	1	13,9	A	3	3,6					●		
P6005-D14,00R	1	14	B	3	4					●		
P6005-D14,10R	1	14,1	B	3	4					●		
P6005-D14,20R	1	14,2	B	3	4					●		
P6005-D14,29R	1	14,29	B	3	4					●		
P6005-D14,30R	1	14,3	B	3	4					●		
P6005-D14,40R	1	14,4	B	3	4					●		
P6005-D14,50R	1	14,5	B	3	4					●		
P6005-D14,60R	1	14,6	B	3	4					●		
P6005-D14,68R	1	14,68	B	3	4					●		
P6005-D14,70R	1	14,7	B	3	4					●		
P6005-D14,80R	1	14,8	B	3	4					●		
P6005-D14,90R	1	14,9	B	3	4					●		
P6005-D15,00R	1	15	B	3	4					●		
P6005-D15,08R	1	15,08	B	3	4					●		
P6005-D15,09R	1	15,09	B	3	4					●		
P6005-D15,10R	1	15,1	B	3	4					●		
P6005-D15,20R	1	15,2	B	3	4					●		
P6005-D15,30R	1	15,3	B	3	4					●		
P6005-D15,40R	1	15,4	B	3	4					●		
P6005-D15,50R	1	15,5	B	3	4					●		
P6005-D15,60R	1	15,6	B	3	4					●		
P6005-D15,70R	1	15,7	B	3	4					●		
P6005-D15,80R	1	15,8	B	3	4					●		
P6005-D15,88R	1	15,88	B	3	4					●		
P6005-D15,90R	1	15,9	B	3	4					●		
P6005-D16,00R	1	16	C	4	4,5					●		
P6005-D16,13R	1	16,13	C	4	4,5					●		
P6005-D16,26R	1	16,26	C	4	4,5					●		
P6005-D16,27R	1	16,27	C	4	4,5					●		
P6005-D16,43R	1	16,43	C	4	4,5					●		
P6005-D16,50R	1	16,5	C	4	4,5					●		
P6005-D16,66R	1	16,66	C	4	4,5					●		
P6005-D16,67R	1	16,67	C	4	4,5					●		
P6005-D16,70R	1	16,7	C	4	4,5					●		
P6005-D16,80R	1	16,8	C	4	4,5					●		
P6005-D17,00R	1	17	C	4	4,5					●		
P6005-D17,07R	1	17,07	C	4	4,5					●		

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

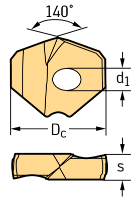
HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006

P6001
P6003
P6004



P6005



Interchangeable inserts

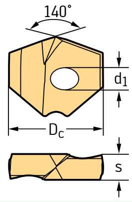
Designation	Number of cutting edges	Dc mm	Seat size	d1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6005-D17,20R	1	17,2	C	4	4,5					●		
P6005-D17,45R	1	17,45	C	4	4,5					●		
P6005-D17,50R	1	17,5	C	4	4,5					●		
P6005-D17,70R	1	17,7	C	4	4,5					●		
P6005-D17,80R	1	17,8	C	4	4,5					●		
P6005-D17,86R	1	17,86	C	4	4,5					●		
P6005-D18,00R	1	18	D	4	5					●		
P6005-D18,24R	1	18,24	D	4	5					●		
P6005-D18,26R	1	18,26	D	4	5					●		
P6005-D18,50R	1	18,5	D	4	5					●		
P6005-D18,65R	1	18,65	D	4	5					●		
P6005-D18,70R	1	18,7	D	4	5					●		
P6005-D18,80R	1	18,8	D	4	5					●		
P6005-D19,00R	1	19	D	4	5					●		
P6005-D19,05R	1	19,05	D	4	5					●		
P6005-D19,20R	1	19,2	D	4	5					●		
P6005-D19,25R	1	19,25	D	4	5					●		
P6005-D19,30R	1	19,3	D	4	5					●		
P6005-D19,35R	1	19,35	D	4	5					●		
P6005-D19,43R	1	19,43	D	4	5					●		
P6005-D19,50R	1	19,5	D	4	5					●		
P6005-D19,60R	1	19,6	D	4	5					●		
P6005-D19,70R	1	19,7	D	4	5					●		
P6005-D19,80R	1	19,8	D	4	5					●		
P6005-D19,84R	1	19,84	D	4	5					●		
P6005-D20,00R	1	20	E	5	5,5					●		
P6005-D20,20R	1	20,2	E	5	5,5					●		
P6005-D20,24R	1	20,24	E	5	5,5					●		
P6005-D20,50R	1	20,5	E	5	5,5					●		
P6005-D20,62R	1	20,62	E	5	5,5					●		
P6005-D20,70R	1	20,7	E	5	5,5					●		
P6005-D21,00R	1	21	E	5	5,5					●		
P6005-D21,12R	1	21,12	E	5						●		
P6005-D21,41R	1	21,41	E	5	5,5					●		
P6005-D21,43R	1	21,43	E	5	5,5					●		
P6005-D21,50R	1	21,5	E	5	5,5					●		
P6005-D21,70R	1	21,7	E	5	5,5					●		
P6005-D21,83R	1	21,83	E	5	5,5					●		
P6005-D22,00R	1	22	F	5	6					●		
P6005-D22,22R	1	22,22	F	5	6					●		
P6005-D22,23R	1	22,23	F	5	6					●		
P6005-D22,42R	1	22,42	F	5	6					●		
P6005-D22,50R	1	22,5	F	5	6					●		

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

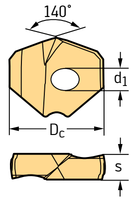
HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006

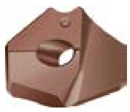
P6001
P6003
P6004



P6005



Interchangeable inserts



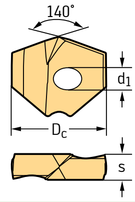
Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6005-D22,70R	1	22,7	F	5	6					✪		
P6005-D22,77R	1	22,77	F	5	6					✪		
P6005-D23,00R	1	23	F	5	6					✪		
P6005-D23,02R	1	23,02	F	5	6					✪		
P6005-D23,39R	1	23,39	F	5	6					✪		
P6005-D23,50R	1	23,5	F	5	6					✪		
P6005-D23,70R	1	23,7	F	5	6					✪		
P6005-D23,80R	1	23,8	F	5	6					✪		
P6005-D23,81R	1	23,81	F	5	6					✪		
P6005-D24,00R	1	24	G	5	6,5					✪		
P6005-D24,21R	1	24,21	G	5	6,5					✪		
P6005-D24,50R	1	24,5	G	5	6,5					✪		
P6005-D24,59R	1	24,59	G	5	6,5					✪		
P6005-D24,61R	1	24,61	G	5	6,5					✪		
P6005-D24,70R	1	24,7	G	5	6,5					✪		
P6005-D25,00R	1	25	G	5	6,5					✪		
P6005-D25,25R	1	25,25	G	5	6,5					✪		
P6005-D25,40R	1	25,4	G	5	6,5					✪		
P6005-D25,50R	1	25,5	G	5	6,5					✪		
P6005-D25,70R	1	25,7	G	5	6,5					✪		
P6005-D25,80R	1	25,8	G	5	6,5					✪		
P6005-D26,00R	1	26	H	6	7,1					✪		
P6005-D26,25R	1	26,25	H	6	7,1					✪		
P6005-D26,50R	1	26,5	H	6	7,1					✪		
P6005-D26,59R	1	26,59	H	6	7,1					✪		
P6005-D27,00R	1	27	H	6	7,1					✪		
P6005-D27,50R	1	27,5	H	6	7,1					✪		
P6005-D27,78R	1	27,78	H	6	7,1					✪		
P6005-D28,00R	1	28	J	6	7,7					✪		
P6005-D28,17R	1	28,17	J	6	7,7					✪		
P6005-D28,50R	1	28,5	J	6	7,7					✪		
P6005-D28,57R	1	28,57	J	6	7,7					✪		
P6005-D29,00R	1	29	J	6	7,7					✪		
P6005-D29,50R	1	29,5	J	6	7,7					✪		
P6005-D29,77R	1	29,77	J	6	7,7					✪		
P6005-D30,00R	1	30	K	6	8					✪		
P6005-D30,15R	1	30,15	K	6	8					✪		
P6005-D30,50R	1	30,5	K	6	8					✪		
P6005-D31,00R	1	31	K	6	8					✪		
P6005-D31,50R	1	31,5	K	6	8					✪		
P6005-D31,75R	1	31,75	K	6	8					✪		
P6005-D31,99R	1	31,99	K	6	8					✪		
P6005-D32,00R	1	32	M	6	8,3					✪		

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

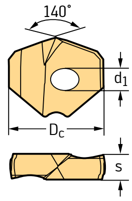
HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006

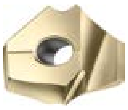
P6001
P6003
P6004



P6005



Interchangeable inserts

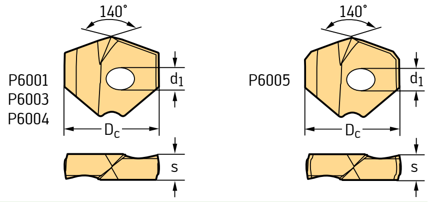
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6005-D32,10R	1	32,1	M	6	8,3					●		
	P6005-D33,00R	1	33	M	6	8,3					●		
	P6005-D34,00R	1	34	N	6	8,6					●		
	P6005-D35,00R	1	35	N	6	8,6					●		
	P6005-D36,00R	1	36	P	6	8,9					●		
	P6005-D37,00R	1	37	P	6	8,9					●		
	P6005-D37,99R	1	37,99	P	6	8,9					●		
	P6006-D12,00R	1	12	A	3	3,6		●					
	P6006-D12,10R	1	12,1	A	3,4	3,6		●					
	P6006-D12,20R	1	12,2	A	3,4	3,6		●					
	P6006-D12,30R	1	12,3	A	3,4	3,6		●					
	P6006-D12,40R	1	12,4	A	3,4	3,6		●					
	P6006-D12,50R	1	12,5	A	3	3,6		●					
	P6006-D12,60R	1	12,6	A	3,4	3,6		●					
	P6006-D12,70R	1	12,7	A	3	3,6		●					
	P6006-D12,80R	1	12,8	A	3,4	3,6		●					
	P6006-D12,90R	1	12,9	A	3,4	3,6		●					
	P6006-D12,95R	1	12,95	A	3,4	3,6		●					
	P6006-D13,00R	1	13	A	3	3,6		●					
	P6006-D13,11R	1	13,11	A	3,4	3,6		●					
	P6006-D13,20R	1	13,2	A	3,4	3,6		●					
	P6006-D13,25R	1	13,25	A	3,4	3,6		●					
	P6006-D13,30R	1	13,3	A	3,4	3,6		●					
	P6006-D13,35R	1	13,35	A	3,4	3,6		●					
	P6006-D13,40R	1	13,4	A	3,4	3,6		●					
	P6006-D13,45R	1	13,45	A	3,4	3,6		●					
	P6006-D13,50R	1	13,5	A	3	3,6		●					
	P6006-D13,60R	1	13,6	A	3,4	3,6		●					
	P6006-D13,70R	1	13,7	A	3	3,6		●					
	P6006-D13,80R	1	13,8	A	3,4	3,6		●					
	P6006-D13,89R	1	13,89	A	3,4	3,6		●					
	P6006-D14,00R	1	14	B	3	4		●					
	P6006-D14,10R	1	14,1	B	3	4		●					
	P6006-D14,20R	1	14,2	B	3	4		●					
	P6006-D14,30R	1	14,3	B	3	4		●					
	P6006-D14,40R	1	14,4	B	3,4	4		●					
	P6006-D14,50R	1	14,5	B	3	4		●					
	P6006-D14,60R	1	14,6	B	3,4	4		●					
	P6006-D14,68R	1	14,68	B	3	4		●					
	P6006-D14,80R	1	14,8	B	3,4	4		●					
	P6006-D14,90R	1	14,9	B	3,4	4		●					
	P6006-D15,00R	1	15	B	3	4		●					
	P6006-D15,09R	1	15,09	B	3	4		●					

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

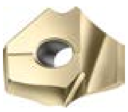
B 1

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



B1

Interchangeable inserts

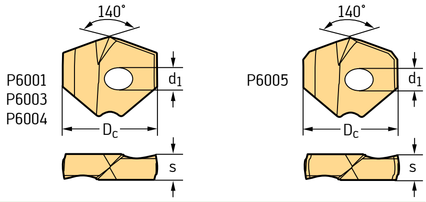


Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6006-D15,20R	1	15,2	B	3	4		☻					
P6006-D15,30R	1	15,3	B	3	4		☻					
P6006-D15,35R	1	15,35	B	3,4	4		☻					
P6006-D15,40R	1	15,4	B	3,4	4		☻					
P6006-D15,47R	1	15,47	B	3,4	4		☻					
P6006-D15,50R	1	15,5	B	3	4		☻					
P6006-D15,60R	1	15,6	B	3,4	4		☻					
P6006-D15,70R	1	15,7	B	3	4		☻					
P6006-D15,80R	1	15,8	B	3,4	4		☻					
P6006-D15,87R	1	15,87	B	3	4		☻					
P6006-D16,00R	1	16	C	4	4,5		☻					
P6006-D16,13R	1	16,13	C	4,4	4,5		☻					
P6006-D16,26R	1	16,26	C	4	4,5		☻					
P6006-D16,43R	1	16,43	C	4,4	4,5		☻					
P6006-D16,50R	1	16,5	C	4	4,5		☻					
P6006-D16,66R	1	16,66	C	4	4,5		☻					
P6006-D16,70R	1	16,7	C	4	4,5		☻					
P6006-D16,85R	1	16,85	C	4,4	4,5		☻					
P6006-D17,00R	1	17	C	4	4,5		☻					
P6006-D17,07R	1	17,07	C	4	4,5		☻					
P6006-D17,20R	1	17,2	C	4,4	4,5		☻					
P6006-D17,35R	1	17,35	C	4,4	4,5		☻					
P6006-D17,45R	1	17,45	C	4	4,5		☻					
P6006-D17,50R	1	17,5	C	4	4,5		☻					
P6006-D17,60R	1	17,6	C	4,4	4,5		☻					
P6006-D17,70R	1	17,7	C	4	4,5		☻					
P6006-D17,86R	1	17,86	C	4	4,5		☻					
P6006-D18,00R	1	18	D	4	5		☻					
P6006-D18,24R	1	18,24	D	4	5		☻					
P6006-D18,50R	1	18,5	D	4	5		☻					
P6006-D18,65R	1	18,65	D	4	5		☻					
P6006-D18,70R	1	18,7	D	4	5		☻					
P6006-D18,80R	1	18,8	D	4,4	5		☻					
P6006-D19,00R	1	19	D	4	5		☻					
P6006-D19,05R	1	19,05	D	4	5		☻					
P6006-D19,10R	1	19,1	D	4,4	5		☻					
P6006-D19,20R	1	19,2	D	4,4	5		☻					
P6006-D19,25R	1	19,25	D	4	5		☻					
P6006-D19,30R	1	19,3	D	4,4	5		☻					
P6006-D19,35R	1	19,35	D	4,4	5		☻					
P6006-D19,43R	1	19,43	D	4,4	5		☻					
P6006-D19,50R	1	19,5	D	4	5		☻					
P6006-D19,60R	1	19,6	D	4,4	5		☻					

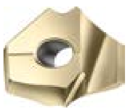
Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

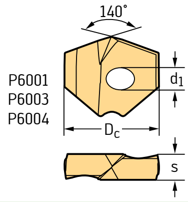


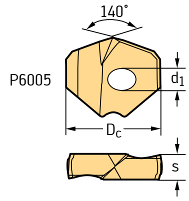
Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6006-D19,70R	1	19,7	D	4	5		☻					
P6006-D19,84R	1	19,84	D	4	5		☻					
P6006-D20,00R	1	20	E	5	5,5		☻					
P6006-D20,20R	1	20,2	E	5,4	5,5		☻					
P6006-D20,24R	1	20,24	E	5	5,5		☻					
P6006-D20,50R	1	20,5	E	5	5,5		☻					
P6006-D20,62R	1	20,62	E	5	5,5		☻					
P6006-D20,70R	1	20,7	E	5	5,5		☻					
P6006-D20,85R	1	20,85	E	5,4	5,5		☻					
P6006-D21,00R	1	21	E	5	5,5		☻					
P6006-D21,41R	1	21,41	E	5,4	5,5		☻					
P6006-D21,50R	1	21,5	E	5	5,5		☻					
P6006-D21,70R	1	21,7	E	5	5,5		☻					
P6006-D21,83R	1	21,83	E	5,4	5,5		☻					
P6006-D22,00R	1	22	F	5	6		☻					
P6006-D22,22R	1	22,22	F	5	6		☻					
P6006-D22,42R	1	22,42	F	5,4	6		☻					
P6006-D22,47R	1	22,47	F	5,4	6		☻					
P6006-D22,50R	1	22,5	F	5	6		☻					
P6006-D22,60R	1	22,6	F	5,4	6		☻					
P6006-D22,62R	1	22,62	F	5,4	6		☻					
P6006-D22,70R	1	22,7	F	5	6		☻					
P6006-D22,77R	1	22,77	F	5,4	6		☻					
P6006-D23,00R	1	23	F	5	6		☻					
P6006-D23,10R	1	23,1	F	5,4	6		☻					
P6006-D23,39R	1	23,39	F	5,4	6		☻					
P6006-D23,50R	1	23,5	F	5	6		☻					
P6006-D23,70R	1	23,7	F	5,4	6		☻					
P6006-D23,80R	1	23,8	F	5	6		☻					
P6006-D24,00R	1	24	G	5	6,5		☻					
P6006-D24,21R	1	24,21	G	5,4	6,5		☻					
P6006-D24,50R	1	24,5	G	5	6,5		☻					
P6006-D24,59R	1	24,59	G	5,4	6,5		☻					
P6006-D24,70R	1	24,7	G	5	6,5		☻					
P6006-D25,00R	1	25	G	5	6,5		☻					
P6006-D25,25R	1	25,25	G	5	6,5		☻					
P6006-D25,40R	1	25,4	G	5	6,5		☻					
P6006-D25,50R	1	25,5	G	5	6,5		☻					
P6006-D25,60R	1	25,6	G	5,4	6,5		☻					
P6006-D25,65R	1	25,65	G	5	6,5		☻					
P6006-D25,70R	1	25,7	G	5	6,5		☻					
P6006-D25,80R	1	25,8	G	5	6,5		☻					
P6006-D26,00R	1	26	H	6	7,1		☻					

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

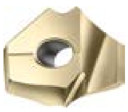
HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006





Interchangeable inserts

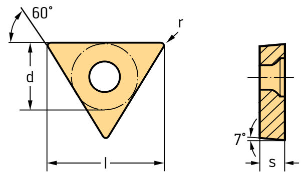


Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6006-D26,25R	1	26,25	H	6	7,1		☻					
P6006-D26,50R	1	26,5	H	6	7,1		☻					
P6006-D26,59R	1	26,59	H	6,4	7,1		☻					
P6006-D27,00R	1	27	H	6	7,1		☻					
P6006-D27,38R	1	27,38	H	6,4	7,1		☻					
P6006-D27,50R	1	27,5	H	6	7,1		☻					
P6006-D27,78R	1	27,78	H	6,4	7,1		☻					
P6006-D28,00R	1	28	J	6	7,7		☻					
P6006-D28,17R	1	28,17	J	6,4	7,7		☻					
P6006-D28,35R	1	28,35	J	6,4	7,7		☻					
P6006-D28,50R	1	28,5	J	6	7,7		☻					
P6006-D28,57R	1	28,57	J	6	7,7		☻					
P6006-D29,00R	1	29	J	6	7,7		☻					
P6006-D29,10R	1	29,1	J	6,4	7,7		☻					
P6006-D29,37R	1	29,37	J	6,4	7,7		☻					
P6006-D29,50R	1	29,5	J	6	7,7		☻					
P6006-D29,77R	1	29,77	J	6,4	7,7		☻					
P6006-D30,00R	1	30	K	6	8		☻					
P6006-D30,15R	1	30,15	K	6,4	8		☻					
P6006-D30,50R	1	30,5	K	6	8		☻					
P6006-D31,00R	1	31	K	6	8		☻					
P6006-D31,35R	1	31,35	K	6,4	8		☻					
P6006-D31,50R	1	31,5	K	6	8		☻					
P6006-D31,75R	1	31,75	K	6	8		☻					
P6006-D31,99R	1	31,99	K	6	8		☻					
P6006-D32,00R	1	32	M	6	8,3		☻					
P6006-D32,10R	1	32,1	M	6,4	8,3		☻					
P6006-D33,00R	1	33	M	6	8,3		☻					
P6006-D34,00R	1	34	N	6	8,6		☻					
P6006-D34,10R	1	34,1	N	6,4	8,6		☻					
P6006-D34,60R	1	34,6	N	6,4	8,6		☻					
P6006-D35,00R	1	35	N	6	8,6		☻					
P6006-D36,00R	1	36	P	6	8,9		☻					
P6006-D37,00R	1	37	P	6	8,9		☻					
P6006-D37,99R	1	37,99	P	6	8,9		☻					

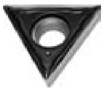
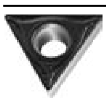
Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

Positive triangular 60°
TCMT / TCMW
Tiger·tec® Gold



Indexable inserts

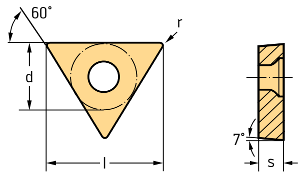
	Designation	l mm	r mm	P HC WMP20S	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM10S	M HC WSM20S	M HC WSM21	M HC WSM30S	K HC WKK10S	K HC WKK20S	S HC WSM10S	S HC WSM20S	S HC WSM21	S HC WSM30S
	TCMT110204-FK6	11	0,4											Good	Average				
	TCMT110208-FK6	11	0,8											Good	Average				
	TCMT16T304-FK6	16,5	0,4											Good	Average				
	TCMT16T308-FK6	16,5	0,8											Good	Average				
	TCMT06T102-FM4	6,87	0,2									Average						Average	
	TCMT06T104-FM4	6,87	0,4									Average						Average	
	TCMT090202-FM4	9,62	0,2							Good	Average					Good	Average		
	TCMT090204-FM4	9,62	0,4							Good	Average					Good	Average		
	TCMT090208-FM4	9,62	0,8							Good	Average					Good	Average		
	TCMT110202-FM4	11	0,2							Good	Average		Poor			Good	Average		Poor
	TCMT110204-FM4	11	0,4	Average					Average	Good	Average		Poor			Good	Average		Poor
	TCMT110208-FM4	11	0,8							Good	Average		Poor			Good	Average		Poor
	TCMT16T302-FM4	16,5	0,2								Average						Average		
	TCMT16T304-FM4	16,5	0,4	Average					Average	Good	Average		Poor			Good	Average		Poor
	TCMT16T308-FM4	16,5	0,8	Average					Average	Good	Average		Poor			Good	Average		Poor
	TCMT06T102-FP4	6,87	0,2			Average													
	TCMT06T104-FP4	6,87	0,4			Average		Good											
	TCMT090202-FP4	9,62	0,2			Average													
	TCMT090204-FP4	9,62	0,4		Good	Average		Good											
	TCMT090208-FP4	9,62	0,8			Average													
	TCMT110202-FP4	11	0,2		Good	Average													
	TCMT110204-FP4	11	0,4		Good	Average		Good											
	TCMT110208-FP4	11	0,8		Good	Average													
	TCMT16T302-FP4	16,5	0,2			Average													
	TCMT16T304-FP4	16,5	0,4		Good	Average													
	TCMT16T308-FP4	16,5	0,8		Good	Average		Good											
	TCMT110204-FP6	11	0,4			Average													
	TCMT110208-FP6	11	0,8			Average													
	TCMT16T304-FP6	16,5	0,4			Average													
	TCMT16T308-FP6	16,5	0,8			Average													
	TCMT090204-MK4	9,62	0,4											Good	Average				
	TCMT090208-MK4	9,62	0,8												Average				
	TCMT110204-MK4	11	0,4											Good	Average				
	TCMT110208-MK4	11	0,8											Good	Average				
	TCMT16T304-MK4	16,5	0,4											Good	Average				
	TCMT16T308-MK4	16,5	0,8											Good	Average				
	TCMT090204-MM4	9,62	0,4							Good	Average					Good	Average		
	TCMT090208-MM4	9,62	0,8								Average						Average		
	TCMT110204-MM4	11	0,4								Average						Average		
	TCMT110208-MM4	11	0,8								Average						Average		
	TCMT16T304-MM4	16,5	0,4	Average					Average	Good	Average					Good	Average		
	TCMT16T308-MM4	16,5	0,8	Average					Average	Good	Average					Good	Average		

See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK10S: TCMT110204-FK6 WKK10S

HC = Coated carbide
HE = Coated cermet

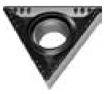
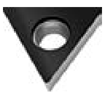
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive triangular 60°
TCMT / TCMW
Tiger·tec® Gold



B1

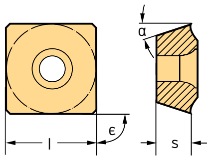
Indexable inserts

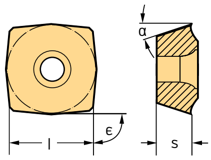
				P					M					K		S			
				HC				HE	HC					HC		HC			
	Designation	l mm	r mm	WMP20S	WPP10G	WPP20G	WPP30G	WEP10C	WMP20S	WSM10S	WSM20S	WSM21	WSM30S	WKK10S	WKK20S	WSM10S	WSM20S	WSM21	WSM30S
	TCMT090204-MP4	9,62	0,4			😬													
	TCMT090208-MP4	9,62	0,8			😬													
	TCMT110204-MP4	11	0,4		🙂	😬													
	TCMT110208-MP4	11	0,8		🙂	😬													
	TCMT16T304-MP4	16,5	0,4		🙂	😬													
	TCMT16T308-MP4	16,5	0,8		🙂	😬													
	TCMT220408-MP4	22	0,8			😬													
	TCMT090204-RK4	9,62	0,4											🙂	😬				
	TCMT090208-RK4	9,62	0,8											🙂	😬				
	TCMT110204-RK4	11	0,4											🙂	😬				
	TCMT110208-RK4	11	0,8											🙂	😬				
	TCMT16T304-RK4	16,5	0,4												😬				
	TCMT16T308-RK4	16,5	0,8											🙂	😬				
	TCMT16T312-RK4	16,5	1,2											🙂	😬				
	TCMT090204-RM4	9,62	0,4								😬		😵				😬		😵
	TCMT090208-RM4	9,62	0,8								😬						😬		
	TCMT110204-RM4	11	0,4	😬					😬	🙂	😬		😵			🙂	😬		😵
	TCMT110208-RM4	11	0,8	😬					😬		😬		😵				😬		😵
	TCMT16T304-RM4	16,5	0,4	😬					😬	🙂	😬		😵			🙂	😬		😵
	TCMT16T308-RM4	16,5	0,8	😬					😬	🙂	😬		😵			🙂	😬		😵
	TCMT16T312-RM4	16,5	1,2								😬		😵				😬		😵
	TCMT090204-RP4	9,62	0,4			😬	😵												
	TCMT090208-RP4	9,62	0,8			😬	😵												
	TCMT110204-RP4	11	0,4		🙂	😬	😵												
	TCMT110208-RP4	11	0,8			😬	😵												
	TCMT16T304-RP4	16,5	0,4		🙂	😬	😵												
	TCMT16T308-RP4	16,5	0,8		🙂	😬	😵												
	TCMT16T312-RP4	16,5	1,2		🙂	😬	😵												
	TCMW110204-RK6	11	0,4											🙂	😬				
	TCMW110208-RK6	11	0,8											🙂	😬				
	TCMW16T304-RK6	16,5	0,4											🙂	😬				
	TCMW16T308-RK6	16,5	0,8											🙂	😬				

See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK10S: TCMT110204-FK6 WKK10S

HC = Coated carbide
HE = Coated cermet

Square
P284..
Tiger·tec® Gold





B1

Indexable inserts

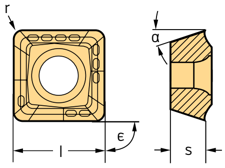
	Designation	Number of cutting edges	l mm	s mm	α	ε	Size	P				M		K		N		S
								HC				HC		HC		HC	HW	HC
								WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P2840S-1N-A57	4	6,35	2,4	14°	90°	1	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2840S-2N-A57	4	7,8	3,2	14°	90°	2	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2840S-3N-A57	4	9,52	4	11°	96°	3	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2840S-4N-A57	4	11	4	11°	96°	4	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2840S-5N-A57	4	12,7	4,8	11°	96°	5	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2840S-6N-A57	4	15	4,8	11°	96°	6		Poor	Poor		Poor			Poor			Poor
	P2840S-7N-A57	4	17,6	5,6	11°	96°	7		Poor	Poor		Poor			Poor			Poor
	P2840S-1N-E67	4	6,35	2,4	14°	90°	1		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2840S-2N-E67	4	7,8	3,2	14°	90°	2		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2840S-3N-E67	4	9,52	4	11°	96°	3		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2840S-4N-E67	4	11	4	11°	96°	4		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2840S-5N-E67	4	12,7	4,8	11°	96°	5		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2840S-6N-E67	4	15	4,8	11°	96°	6		Poor	Poor		Poor			Poor			Poor
	P2840S-7N-E67	4	17,6	5,6	11°	96°	7		Poor	Poor		Poor			Poor			Poor
	P2840S-1N-E77	4	6,35	2,4	14°	90°	1									Good	Good	
	P2840S-2N-E77	4	7,8	3,2	14°	90°	2									Good	Good	
	P2840S-3N-E77	4	9,52	4	11°	96°	3									Good	Good	
	P2840S-4N-E77	4	11	4	11°	96°	4										Good	
	P2840S-5N-E77	4	12,7	4,8	11°	96°	5										Good	
	P2840S-6N-E77	4	15	4,8	11°	96°	6									Good	Good	
	P2840S-7N-E77	4	17,6	5,6	11°	96°	7									Good	Good	
	P2841S-1N-A57	4	6,35	2,4	14°	90°	1	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-2N-A57	4	7,8	3,2	14°	90°	2	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-3N-A57	4	9,52	4	11°	96°	3	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-4N-A57	4	11	4	11°	96°	4	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-5N-A57	4	12,7	4,8	11°	96°	5	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-6N-A57	4	15	4,8	11°	96°	6	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-7N-A57	4	17,6	5,6	11°	96°	7	Average	Poor	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-1N-E57	4	6,35	2,4	14°	90°	1	Good	Average	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-2N-E57	4	7,8	3,2	14°	90°	2	Good	Average	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-3N-E57	4	9,52	4	11°	96°	3	Good	Average	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-4N-E57	4	11	4	11°	96°	4	Good	Average	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-5N-E57	4	12,7	4,8	11°	96°	5	Good	Average	Poor	Poor	Poor	Poor	Average	Poor			Poor
	P2841S-6N-E57	4	15	4,8	11°	96°	6		Average	Poor	Poor	Poor	Poor		Poor			Poor
	P2841S-7N-E57	4	17,6	5,6	11°	96°	7		Average	Poor	Poor	Poor	Poor		Poor			Poor
	P2841S-1N-E67	4	6,35	2,4	14°	90°	1		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2841S-2N-E67	4	7,8	3,2	14°	90°	2		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2841S-3N-E67	4	9,52	4	11°	96°	3		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2841S-4N-E67	4	11	4	11°	96°	4		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2841S-5N-E67	4	12,7	4,8	11°	96°	5		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2841S-6N-E67	4	15	4,8	11°	96°	6		Poor	Poor	Poor	Poor	Poor		Poor			Poor
	P2841S-7N-E67	4	17,6	5,6	11°	96°	7		Poor	Poor	Poor	Poor	Poor		Poor			Poor

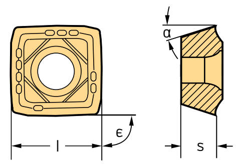
Ordering example for the grade WKP25S: P2840S-1N-A57 WKP25S

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

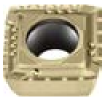
Square
P484 .
Tiger·tec® Gold





B1

Indexable inserts

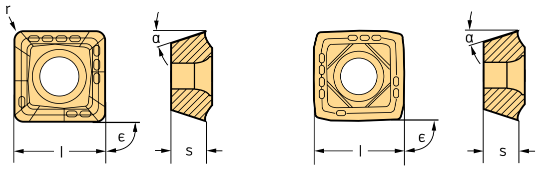
	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-1R-E67	4	4,9	2	0,29	11°	90°	1	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4840C-2R-E67	4	5,95	2,4	0,34	11°	90°	2	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4840C-3R-E67	4	7	2,8	0,4	11°	90°	3	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4840C-4R-E67	4	8,4	3,4	0,48	11°	90°	4	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4840C-5R-E67	4	10,29	4,1	0,59	11°	90°	5	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4840C-6R-E67	4	12,24	4,9	0,7	11°	90°	6	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4840C-7R-E67	4	14,69	5,5	0,8	11°	90°	7	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4840C-8R-E67	4	17,49	5,6	1	11°	90°	8	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4840C-1R-E77	4	4,9	2	0,29	11°	90°	1							Good	Good (optimum)	
	P4840C-2R-E77	4	5,95	2,4	0,34	11°	90°	2							Good	Good (optimum)	
	P4840C-3R-E77	4	7	2,8	0,4	11°	90°	3								Good (optimum)	
	P4840C-4R-E77	4	8,4	3,4	0,48	11°	90°	4								Good (optimum)	
	P4840C-5R-E77	4	10,29	4,1	0,59	11°	90°	5								Good (optimum)	
	P4840C-6R-E77	4	12,24	4,9	0,7	11°	90°	6								Good (optimum)	
	P4840C-7R-E77	4	14,69	5,5	0,8	11°	90°	7								Good (optimum)	
	P4840C-8R-E77	4	17,49	5,6	1	11°	90°	8								Good (optimum)	
	P4841C-1R-A57	4	4,9	2	0,29	11°	90°	1	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-2R-A57	4	5,95	2,4	0,34	11°	90°	2	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-3R-A57	4	7	2,8	0,4	11°	90°	3	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-4R-A57	4	8,4	3,4	0,48	11°	90°	4	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-5R-A57	4	10,29	4,1	0,59	11°	90°	5	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-6R-A57	4	12,24	4,9	0,7	11°	90°	6	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-7R-A57	4	14,69	5,5	0,8	11°	90°	7	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-8R-A57	4	17,49	5,6	1	11°	90°	8	Poor	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-1R-E57	4	4,9	2	0,29	11°	90°	1	Average	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-2R-E57	4	5,95	2,4	0,34	11°	90°	2	Average	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-3R-E57	4	7	2,8	0,4	11°	90°	3	Average	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-4R-E57	4	8,4	3,4	0,48	11°	90°	4	Average	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-5R-E57	4	10,29	4,1	0,59	11°	90°	5	Average	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-6R-E57	4	12,24	4,9	0,7	11°	90°	6	Average	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-7R-E57	4	14,69	5,5	0,8	11°	90°	7	Average	Poor	Poor	Poor	Poor	Poor			Poor
	P4841C-8R-E57	4	17,49	5,6	1	11°	90°	8	Average	Poor	Poor	Poor	Poor	Poor			Poor

Ordering example for the grade WKP35S: P4840C-1R-E67 WKP35S

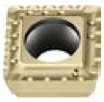
HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ● → Poor = ● machining conditions

Square
P484 .
Tiger·tec® Gold



Indexable inserts

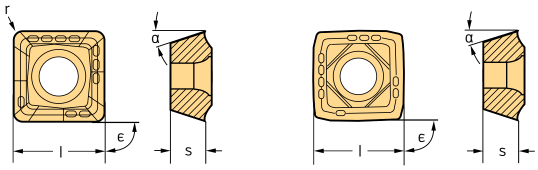
	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840P-1R-A57	4	4,55	2	0,29	11°	90°	1	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-2R-A57	4	5,52	2,3	0,34	11°	90°	2	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-3R-A57	4	6,5	2,8	0,4	11°	90°	3	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-4R-A57	4	7,8	3,4	0,48	11°	90°	4	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-5R-A57	4	9,56	4,1	0,59	11°	90°	5	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-6R-A57	4	11,75	4,9	0,7	11°	90°	6	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-7R-A57	4	14,03	5,5	0,8	11°	90°	7	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-8R-A57	4	16,5	5,5	1	11°	90°	8	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-1R-E57	4	4,55	2	0,29	11°	90°	1	Good	Average	Poor	Poor	Average	Poor			Poor
	P4840P-2R-E57	4	5,52	2,3	0,34	11°	90°	2	Good	Average	Poor	Poor	Average	Poor			Poor
	P4840P-3R-E57	4	6,5	2,8	0,4	11°	90°	3	Good	Average	Poor	Poor	Average	Poor			Poor
	P4840P-4R-E57	4	7,8	3,4	0,48	11°	90°	4	Good	Average	Poor	Poor	Average	Poor			Poor
	P4840P-5R-E57	4	9,56	4,1	0,59	11°	90°	5	Good	Average	Poor	Poor	Average	Poor			Poor
	P4840P-6R-E57	4	11,75	4,9	0,7	11°	90°	6	Good	Average	Poor	Poor	Average	Poor			Poor
	P4840P-7R-E57	4	14,03	5,5	0,8	11°	90°	7	Good	Average	Poor	Poor	Average	Poor			Poor
	P4840P-8R-E57	4	16,5	5,5	1	11°	90°	8	Good	Average	Poor	Poor	Average	Poor			Poor
	P4840P-1R-E67	4	4,55	2	0,29	11°	90°	1	Good	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-2R-E67	4	5,52	2,3	0,34	11°	90°	2	Good	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-3R-E67	4	6,5	2,8	0,4	11°	90°	3	Good	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-4R-E67	4	7,8	3,4	0,48	11°	90°	4	Good	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-5R-E67	4	9,56	4,1	0,59	11°	90°	5	Good	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-6R-E67	4	11,75	4,9	0,7	11°	90°	6	Good	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-7R-E67	4	14,03	5,5	0,8	11°	90°	7	Good	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-8R-E67	4	16,5	5,5	1	11°	90°	8	Good	Poor	Poor	Poor	Average	Poor			Poor
	P4840P-1R-E77	4	4,55	2	0,29	11°	90°	1							Good	Good	
	P4840P-2R-E77	4	5,52	2,3	0,34	11°	90°	2							Good	Good	
	P4840P-3R-E77	4	6,5	2,8	0,4	11°	90°	3							Good	Good	
	P4840P-4R-E77	4	7,8	3,4	0,48	11°	90°	4							Good	Good	
	P4840P-5R-E77	4	9,56	4,1	0,59	11°	90°	5							Good	Good	
	P4840P-6R-E77	4	11,75	4,9	0,7	11°	90°	6							Good	Good	
	P4840P-7R-E77	4	14,03	5,5	0,8	11°	90°	7							Good	Good	
	P4840P-8R-E77	4	16,5	5,5	1	11°	90°	8							Good	Good	
	P4841P-1R-A57	4	4,55	2	0,29	11°	90°	1	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4841P-2R-A57	4	5,52	2,3	0,34	11°	90°	2	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4841P-3R-A57	4	6,5	2,8	0,4	11°	90°	3	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4841P-4R-A57	4	7,8	3,4	0,48	11°	90°	4	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4841P-5R-A57	4	9,56	4,1	0,59	11°	90°	5	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4841P-6R-A57	4	11,75	4,9	0,7	11°	90°	6	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4841P-7R-A57	4	14,03	5,5	0,8	11°	90°	7	Average	Poor	Poor	Poor	Average	Poor			Poor
	P4841P-8R-A57	4	16,5	5,5	1	11°	90°	8	Average	Poor	Poor	Poor	Average	Poor			Poor

Ordering example for the grade WKP25S: P4840P-1R-A57 WKP25S

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Square
P484 .
Tiger·tec® Gold



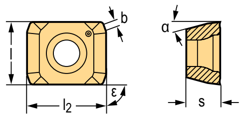
Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4841P-1R-E57	4	4,55	2	0,29	11°	90°	1	Good	Average	Poor	Poor	Average	Poor			Poor
	P4841P-2R-E57	4	5,52	2,3	0,34	11°	90°	2	Good	Average	Poor	Poor	Average	Poor			Poor
	P4841P-3R-E57	4	6,5	2,8	0,4	11°	90°	3	Good	Average	Poor	Poor	Average	Poor			Poor
	P4841P-4R-E57	4	7,8	3,4	0,48	11°	90°	4	Good	Average	Poor	Poor	Average	Poor			Poor
	P4841P-5R-E57	4	9,56	4,1	0,59	11°	90°	5	Good	Average	Poor	Poor	Average	Poor			Poor
	P4841P-6R-E57	4	11,75	4,9	0,7	11°	90°	6	Good	Average	Poor	Poor	Average	Poor			Poor
	P4841P-7R-E57	4	14,03	5,5	0,8	11°	90°	7	Good	Average	Poor	Poor	Average	Poor			Poor
	P4841P-8R-E57	4	16,5	5,5	1	11°	90°	8	Good	Average	Poor	Poor	Average	Poor			Poor

Ordering example for the grade WKP25S: P4840P-1R-A57 WKP25S

HC = Coated carbide
HW = Uncoated carbide

Rectangular
LCGX



Indexable inserts

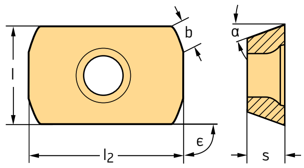
	Designation	Number of cutting edges	l mm	l_2 mm	s mm	α	ε	b mm	N HC WNN15	N HW WN15
	LCGX050203-E77	2	4	5,2	2,4	7°	90°	0,6	Good	Good
	LCGX06T204-E77	2	5,2	6,6	2,8	7°	90°	0,8	Good	Good

Ordering example for the grade WN15: LCGX050203-E77 WN15

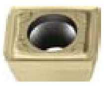
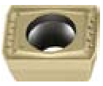
HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Rectangular
LCMX
Tiger·tec® Gold



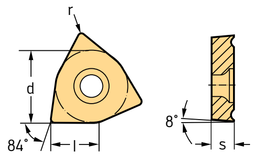
Indexable inserts

	Designation	Number of cutting edges	l mm	l2 mm	s mm	α	ε	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	S HC WSP45G
	LCMX050203-B57	2	4	5,2	2,4	7°	90°	0,6	☺	😐	☹	☹	☹	☹	😐	😐	☹
	LCMX06T204-B57	2	5,2	6,6	2,8	7°	90°	0,8	☺	😐	☹	☹	☹	☹	😐	😐	☹
	LCMX050203-D57	2	4	5,2	2,4	7°	90°	0,6	☺	😐	☹	☹	☹	☹	😐	☹	☹
	LCMX06T204-D57	2	5,2	6,6	2,8	7°	90°	0,8	☺	😐	☹	☹	☹	☹	😐	☹	☹
	LCMX050203-E57	2	4	5,2	2,4	7°	90°	0,6	☺	😐	☹	☹	☹	☹	😐	☹	☹
	LCMX06T204-E57	2	5,2	6,6	2,8	7°	90°	0,8	☺	😐	☹	☹	☹	☹	😐	☹	☹

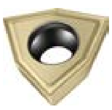
Ordering example for the grade WKP25S: LCMX050203-B57 WKP25S

HC = Coated carbide

Trigon
WOEX / WOMX
Tiger·tec® Gold



Indexable inserts

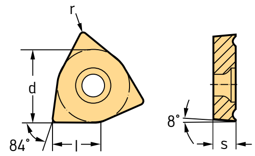
	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WAK15	K HC WKP25S	K HC WKP35S	S HC WSP45G
	WOEX030204-E57	3	3,31	2,3	0,4	8°	84°		😐	☹		☹				☹	☹
	WOEX040304-E57	3	4,2	3,2	0,4	8°	84°	☺	😐	☹		☹			😐	☹	☹
	WOEX05T304-E57	3	5,29	3,8	0,4	8°	84°	☺	😐	☹		☹			😐	☹	☹
	WOEX06T304-E57	3	6,62	3,8	0,4	8°	84°	☺	😐	☹		☹		☺	😐	☹	☹
	WOEX080408-E57	3	7,94	4,8	0,8	8°	84°	☺	😐	☹		☹			😐	☹	☹
	WOEX100508-E57	3	9,92	5,3	0,8	8°	84°		😐	☹		☹				☹	☹
	WOEX120608-E57	3	11,64	6	0,8	8°	84°		😐	☹		☹				☹	☹
	WOMX030204-B57	3	3,31	2,3	0,4	8°	84°		😐	☹		☹				😐	☹
	WOMX040304-B57	3	4,2	3,2	0,4	8°	84°		😐	☹		☹				😐	☹
	WOMX05T304-B57	3	5,29	3,8	0,4	8°	84°		😐	☹		☹				😐	☹
	WOMX06T304-B57	3	6,62	3,8	0,4	8°	84°		😐	☹		☹				😐	☹
	WOMX080408-B57	3	7,94	4,8	0,8	8°	84°		😐	☹		☹				😐	☹
	WOMX100508-B57	3	9,92	5,3	0,8	8°	84°		😐	☹		☹				😐	☹
	WOMX120608-B57	3	11,64	6	0,8	8°	84°		😐	☹		☹				😐	☹

Ordering example for the grade WKP35S: WOEX030204-E57 WKP35S

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Trigon
WOEX / WOMX
Tiger·tec® Gold



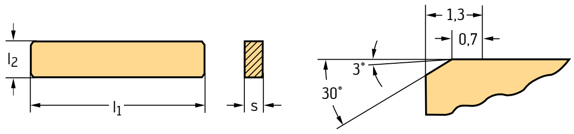
Indexable inserts

Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WAK15	K HC WKP25S	K HC WKP35S	S HC WSP45G
WOMX030204-D57	3	3,31	2,3	0,4	8°	84°		😐	😠	😠	😠	😠			😠	😠
WOMX040304-D57	3	4,2	3,2	0,4	8°	84°		😐	😠	😠	😠	😠			😠	😠
WOMX05T304-D57	3	5,29	3,8	0,4	8°	84°		😐	😠	😠	😠	😠	😊		😠	😠
WOMX06T304-D57	3	6,62	3,8	0,4	8°	84°	😊	😐	😠	😠	😠	😠	😊	😐	😠	😠
WOMX080408-D57	3	7,94	4,8	0,8	8°	84°	😊	😐	😠	😠	😠	😠	😊	😐	😠	😠
WOMX100508-D57	3	9,92	5,3	0,8	8°	84°	😊	😐	😠	😠	😠	😠	😊	😐	😠	😠
WOMX120608-D57	3	11,64	6	0,8	8°	84°	😊	😐	😠	😠	😠	😠	😊	😐	😠	😠

Ordering example for the grade WKP35S: WOEX030204-E57 WKP35S

HC = Coated carbide

Positive basic shape
P6500



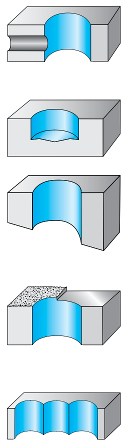
Indexable inserts

	Designation	Number of cutting edges	l_1 mm	l_2 mm	s mm	Chamfer	P HC WXP15	K HC WXK05
	P6500-1R-A88-E1	2	20	3	1,5	E1	☺	
	P6500-2R-A88-E1	2	20	4,5	4,5	E1	☺	
	P6500-4R-A88-E1	2	70	7	2,3	E1	☺	
	P6500-0R-B88-E1	2	20	2,5	1,2	E1	☺	
	P6500-1R-B88-E1	2	20	3	1,5	E1	☺	☺
	P6500-2R-B88-E1	2	20	4,5	4,5	E1	☺	☺
	P6500-4R-B88-E1	2	70	7	2,3	E1	☺	☺
	P6500-1R-B88-E5	2	20	3	1,5	E5		☺
	P6500-2R-B88-E5	2	20	4,5	4,5	E5		☺
	P6500-4R-B88-E5	2	70	7	2,3	E5		☺

HC = beschichtetes Hartmetall

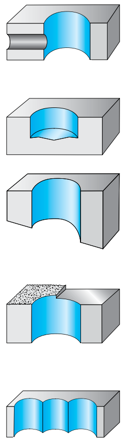
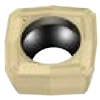
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = → Poor = machining conditions

Indexable insert drills

Machining					
Drilling depth	3 x D_C	2 x D_C	3 x D_C	4 x D_C	5 x D_C
					
Designation	D4170	D4120	D4120	D4120	D4120
Effective cutting edges	1	1	1	1	1
Diameter range					
[mm]	65–80	13,5–59	13,5–59	17–59	17–59
[inch]		0,531–2,250	0,531–2,250	0,656–2,250	0,656–2,250
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●	
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●	
H Hard materials					
O Other					
Indexable insert types			 P484 .C  P484 .P		
Number of cutting edges	4	4	4	4	4
Page in catalogue	B 216	B 220	B 224	B 228	B 232
QR code					
www.walter-tools.com/woc/	D4170	D4120	D4120	D4120	D4120

WALTER SELECT ●● Primary application ● Other application

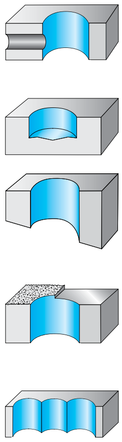
Indexable insert drills

Machining					
Drilling depth	2 x D_c	3 x D_c	4 x D_c	2 x D_c	2 x D_c
					
Designation	D3120	D3120	D3120	B3212	B3212
Effective cutting edges	1	1	1	1	1
Diameter range					
[mm]	16–42	16–58	16–42	10–18	
[inch]		0,750–1,500	0,750–1,500		0,391–0,625
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●	●●	●●
H Hard materials					
O Other					
Indexable insert types	 P284 .S			 LC .	
Number of cutting edges	4	4	4	2	2
Page in catalogue	B 254	B 256	B 262	B 266	B 268
QR code					
www.walter-tools.com/woc/	D3120	D3120	D3120	B3212	B3212

WALTER SELECT ●● Primary application ● Other application

B1

Indexable insert drills

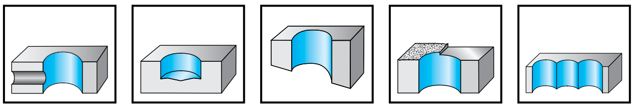
Machining			
Drilling depth	3 x D_C	3 x D_C	4 x D_C
			
Designation	B3213	B3213	B3214
Effective cutting edges	1	1	1
Diameter range			
[mm]	10–18		10–18
[inch]		0,391–0,64	
P Steel	●●	●●	
M Stainless steel	●●	●●	
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	
H Hard materials			
O Other			
Indexable insert types		 LC .	
Number of cutting edges	2	2	2
Page in catalogue	B 272	B 270	B 274
QR code			
www.walter-tools.com/woc/	B3213	B3213	B3214

WALTER SELECT ●● Primary application ● Other application

Indexable insert drill with cartridge

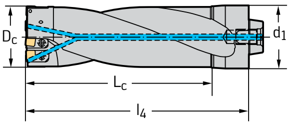
D4170 mm

D_c 65–80	$3 \times D_c$	Z = 1



	P	M	K	N	S	H	O
D4170	●●	●●	●●	●●	●●		

Tool



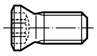
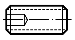
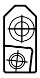
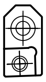
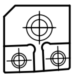
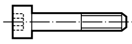
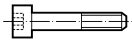
Modular NCT adaptor

Designation	D_c mm	L_c mm	l_4 mm	d_1 mm	d_1	kg	No. of inserts	Type
D4170-03-65.00N8-P45	65	195	245	80	NCT 80	4,32	3 1	P484 . P-5R- .. P484 . C-5R- ..
D4170-03-68.00N8-P46	68	204	254	80	NCT 80	4,68	3 1	P484 . P-6R- .. P484 . C-6R- ..
D4170-03-70.00N8-P46	70	210	260	80	NCT 80	4,64	3 1	
D4170-03-78.00N8-P46	78	234	284	80	NCT 80	6,13	3 1	
D4170-03-80.00N8-P45	80	240	290	80	NCT 80	6,33	5 1	P484 . P-5R- .. P484 . C-5R- ..

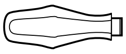
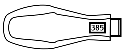
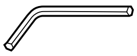
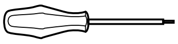
Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures.
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

Assembly parts

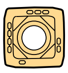
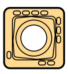
	D_c [mm]	65	68	70	78	80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm
	Adjusting screw, radial	FS334 (SW 2)	FS334 (SW 2)	FS334 (SW 2)	FS334 (SW 2)	FS334 (SW 2)
	Internal cartridge	FR737C-5	FR743C-6	FR743C-6	FR743C-6	FR737C-5
	External cartridge 1	FR738P-5	FR744P-6	FR744P-6	FR744P-6	FR738P-5
	External cartridge 2	FR741P-5	FR745P-6	FR746P-6	FR748P-6	FR739P-5
	External cartridge 2 Clamping screw for Tightening torque	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm
	External cartridge 2 Clamping screw for Tightening torque	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm

Accessories

	D_c [mm]	65–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	External cartridge 2 ISO 2936 key for	ISO2936-4 (SW 4)
	External cartridge 2 ISO 2936 key for	ISO2936-5 (SW5)
	Screwdriver	FS1485 (T15IP)

Three external cartridges 1 (FR738P-5) are fitted in tools with the diameter Dc = 80 mm

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	5–6		😠	😠	😠	😠	😠		😠		😠
	P4840C-.R-E77	5–6										
	P4841C-.R-A57	5–6		😠	😠	😠	😠	😠		😠		😠
	P4841C-.R-E57	5–6		😐	😠	😠	😠	😠		😠		😠
	P4840P-.R-A57	5–6	😐	😠	😠		😠		😐	😠		😠
	P4840P-.R-E57	5–6	😊	😐	😠		😠		😐	😠		😠
	P4840P-.R-E67	5–6	😊	😠	😠		😠		😐	😠		😠
	P4840P-.R-E77	5–6									😊	
	P4841P-.R-A57	5–6	😐	😠	😠		😠		😐	😠		😠
	P4841P-.R-E57	5–6	😊	😐	😠		😠		😐	😠		😠

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide

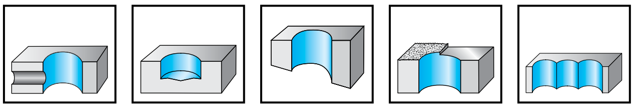
B1

Indexable insert drills

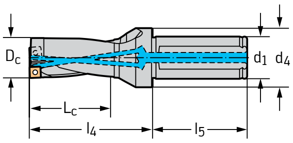
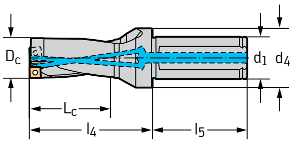
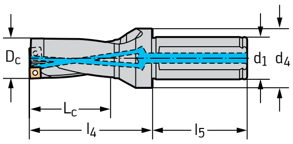
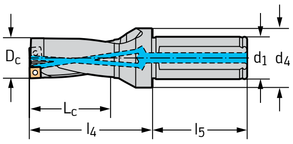
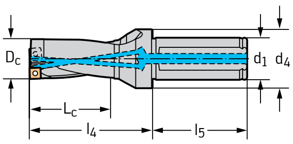
D4120 mm

B1

2×D_c Z=1



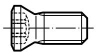
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
	D4120-02-13.50F20-P41	13,5	27	47	50	20	25	0,23	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
	D4120-02-14.00F20-P41	14	28	48	50	20	25	0,19	1 / 1	
	D4120-02-14.50F20-P41	14,5	29	49	50	20	25	0,24	1 / 1	
	D4120-02-15.00F20-P41	15	30	50	50	20	25	0,24	1 / 1	
	D4120-02-15.50F20-P41	15,5	31	51	50	20	25	0,23	1 / 1	
Cylindrical shank with flat	D4120-02-16.00F25-P41	16	32	57	56	25	35	0,4	1 / 1	
	D4120-02-16.50F25-P42	16,5	33	58	56	25	35	0,41	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120-02-17.00F25-P42	17	34	59	56	25	35	0,41	1 / 1	
	D4120-02-17.50F25-P42	17,5	35	60	56	25	35	0,4	1 / 1	
	D4120-02-18.00F25-P42	18	36	61	56	25	35	0,42	1 / 1	
	D4120-02-18.50F25-P42	18,5	37	62	56	25	35	0,32	1 / 1	
Cylindrical shank with flat	D4120-02-19.00F25-P42	19	38	63	56	25	35	0,42	1 / 1	
	D4120-02-19.50F25-P42	19,5	39	64	56	25	35	0,43	1 / 1	
	D4120-02-20.00F25-P42	20	40	65	56	25	35	0,43	1 / 1	
	D4120-02-20.50F25-P43	20,5	41	66	56	25	35	0,43	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120-02-21.00F25-P43	21	42	67	56	25	35	0,4	1 / 1	
	D4120-02-21.50F25-P43	21,5	43	68	56	25	35	0,44	1 / 1	
	D4120-02-22.00F25-P43	22	44	69	56	25	35	0,44	1 / 1	
	D4120-02-22.50F25-P43	22,5	45	70	56	25	35	0,45	1 / 1	
Cylindrical shank with flat	D4120-02-23.00F25-P43	23	46	71	56	25	35	0,48	1 / 1	
	D4120-02-23.50F25-P43	23,5	47	72	56	25	35	0,46	1 / 1	
	D4120-02-24.00F25-P43	24	48	73	56	25	35	0,48	1 / 1	
	D4120-02-24.50F25-P44	24,5	49	74	56	25	35	0,47	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120-02-25.00F25-P44	25	50	75	56	25	35	0,42	1 / 1	
	D4120-02-25.50F32-P44	25,5	51	83	60	32	42	0,76	1 / 1	
	D4120-02-26.00F32-P44	26	52	84	60	32	42	0,72	1 / 1	
	D4120-02-26.50F32-P44	26,5	53	85	60	32	42	0,78	1 / 1	
Cylindrical shank with flat	D4120-02-27.00F32-P44	27	54	86	60	32	42	0,77	1 / 1	
	D4120-02-27.50F32-P44	27,5	55	87	60	32	42	0,8	1 / 1	
	D4120-02-28.00F32-P44	28	56	88	60	32	42	0,81	1 / 1	
	D4120-02-28.50F32-P44	28,5	57	89	60	32	42	0,74	1 / 1	
	D4120-02-29.00F32-P44	29	58	90	60	32	42	0,81	1 / 1	
	D4120-02-29.50F32-P45	29,5	59	91	60	32	42	0,83	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120-02-30.00F32-P45	30	60	92	60	32	42	0,77	1 / 1	
	D4120-02-31.00F32-P45	31	62	94	60	32	42	0,87	1 / 1	
	D4120-02-32.00F32-P45	32	64	96	60	32	42	0,82	1 / 1	
	D4120-02-33.00F32-P45	33	66	98	60	32	42	0,91	1 / 1	
Cylindrical shank with flat	D4120-02-34.00F32-P45	34	68	100	60	32	42	0,94	1 / 1	
	D4120-02-35.00F32-P45	35	70	102	60	32	42	0,97	1 / 1	

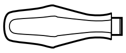
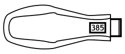
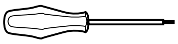
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

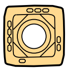
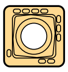
Assembly parts

	D$_c$ [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm

Accessories

	D$_c$ [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2003	FS2001	FS2001	FS2001	FS2003	FS2003
	Torque screwdriver, digital	FS2248			FS2248	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1486 (T20IP)	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840C-.R-E77	1–8									Very good	
	P4841C-.R-A57	1–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4841C-.R-E57	1–8		Good	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840P-.R-A57	1–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E57	1–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E67	1–8	Very good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E77	1–8									Very good	
	P4841P-.R-A57	1–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4841P-.R-E57	1–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate

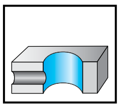
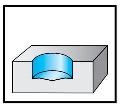
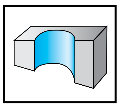
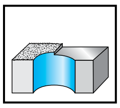
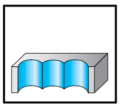
HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Indexable insert drills

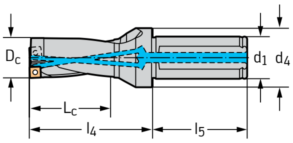
D4120 mm

2×D_c	Z=1

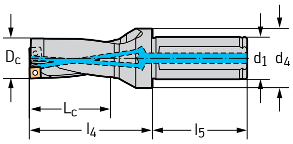
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool



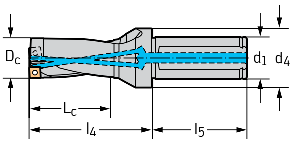
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-02-36.00F32-P46	36	72	104	60	32	42	0,96	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4120-02-37.00F40-P46	37	74	114	70	40	50	1,48	1 / 1	
D4120-02-38.00F40-P46	38	76	116	70	40	50	1,52	1 / 1	
D4120-02-39.00F40-P46	39	78	118	70	40	50	1,55	1 / 1	
D4120-02-40.00F40-P46	40	80	120	70	40	50	1,45	1 / 1	
D4120-02-41.00F40-P46	41	82	122	70	40	50	1,64	1 / 1	
D4120-02-42.00F40-P46	42	84	124	70	40	50	1,67	1 / 1	



Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-02-43.00F40-P47	43	86	126	70	40	50	1,67	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
D4120-02-44.00F40-P47	44	88	128	70	40	50	1,71	1 / 1	
D4120-02-45.00F40-P47	45	90	130	70	40	50	1,76	1 / 1	
D4120-02-46.00F40-P47	46	92	132	70	40	50	1,81	1 / 1	
D4120-02-47.00F40-P47	47	94	134	70	40	50	1,84	1 / 1	
D4120-02-48.00F40-P47	48	96	136	70	40	50	1,91	1 / 1	
D4120-02-49.00F40-P47	49	98	138	70	40	50	1,9	1 / 1	
D4120-02-50.00F40-P47	50	100	140	70	40	50	2,01	1 / 1	



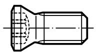
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-02-51.00F40-P48	51	102	142	70	40	50	2,09	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120-02-52.00F40-P48	52	104	144	70	40	50	2,04	1 / 1	
D4120-02-53.00F40-P48	53	106	146	70	40	50	2,21	1 / 1	
D4120-02-54.00F40-P48	54	108	148	70	40	50	2,28	1 / 1	
D4120-02-55.00F40-P48	55	110	150	70	40	50	2,35	1 / 1	
D4120-02-56.00F40-P48	56	112	152	70	40	50	2,42	1 / 1	
D4120-02-57.00F40-P48	57	114	154	70	40	50	2,5	1 / 1	
D4120-02-58.00F40-P48	58	116	156	70	40	50	2,57	1 / 1	
D4120-02-59.00F40-P48	59	118	158	70	40	50	2,65	1 / 1	

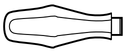
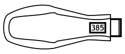
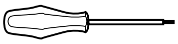
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

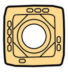
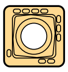
Assembly parts

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm

Accessories

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2003	FS2001	FS2001	FS2001	FS2003	FS2003
	Torque screwdriver, digital	FS2248			FS2248	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1486 (T20IP)	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840C-.R-E77	1–8									Very good	
	P4841C-.R-A57	1–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4841C-.R-E57	1–8		Good	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840P-.R-A57	1–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E57	1–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E67	1–8	Very good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E77	1–8									Very good	
	P4841P-.R-A57	1–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4841P-.R-E57	1–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate

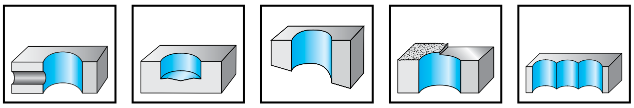
HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

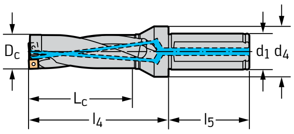
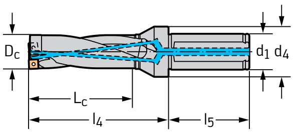
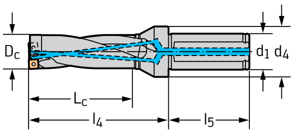
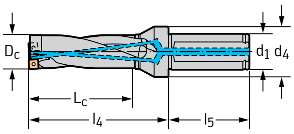
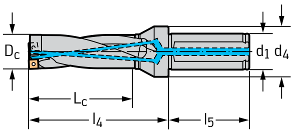
Indexable insert drills

D4120 mm

3×D_c | Z=1



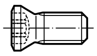
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D4120-03-13.50F20-P41	13,5	40,5	60,5	50	20	25	0,16	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
	D4120-03-14.00F20-P41	14	42	62	50	20	25	0,17	1 / 1	
	D4120-03-14.50F20-P41	14,5	43,5	63,5	50	20	25	0,24	1 / 1	
	D4120-03-15.00F20-P41	15	45	65	50	20	25	0,2	1 / 1	
	D4120-03-15.50F20-P41	15,5	46,5	66,5	50	20	25	0,25	1 / 1	
	D4120-03-16.00F25-P41	16	48	73	56	25	35	0,38	1 / 1	
 Cylindrical shank with flat	D4120-03-16.50F25-P42	16,5	49,5	75	56	25	35	0,42	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120-03-17.00F25-P42	17	51	76	56	25	35	0,35	1 / 1	
	D4120-03-17.50F25-P42	17,5	52,5	77,5	56	25	35	0,43	1 / 1	
	D4120-03-18.00F25-P42	18	54	79	56	25	35	0,44	1 / 1	
	D4120-03-18.50F25-P42	18,5	55,5	80,5	56	25	35	0,39	1 / 1	
	D4120-03-19.00F25-P42	19	57	82	56	25	35	0,45	1 / 1	
	D4120-03-19.50F25-P42	19,5	58,5	84	56	25	35	0,46	1 / 1	
	D4120-03-20.00F25-P42	20	60	85	56	25	35	0,46	1 / 1	
 Cylindrical shank with flat	D4120-03-20.50F25-P43	20,5	61,5	87	56	25	35	0,45	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120-03-21.00F25-P43	21	63	88	56	25	35	0,39	1 / 1	
	D4120-03-21.50F25-P43	21,5	64,5	90	56	25	35	0,48	1 / 1	
	D4120-03-22.00F25-P43	22	66	91	56	25	35	0,48	1 / 1	
	D4120-03-22.50F25-P43	22,5	67,5	93	56	25	35	0,49	1 / 1	
	D4120-03-23.00F25-P43	23	69	94	56	25	35	0,47	1 / 1	
	D4120-03-23.50F25-P43	23,5	70,5	96	56	25	35	0,51	1 / 1	
	D4120-03-24.00F25-P43	24	72	97	56	25	35	0,52	1 / 1	
 Cylindrical shank with flat	D4120-03-24.50F25-P44	24,5	73,5	99	56	25	35	0,52	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120-03-25.00F25-P44	25	75	100	56	25	35	0,43	1 / 1	
	D4120-03-25.50F32-P44	25,5	76,5	109	60	32	42	0,83	1 / 1	
	D4120-03-26.00F32-P44	26	78	110	60	32	42	0,84	1 / 1	
	D4120-03-26.50F32-P44	26,5	79,5	112	60	32	42	0,84	1 / 1	
	D4120-03-27.00F32-P44	27	81	113	60	32	42	0,85	1 / 1	
	D4120-03-27.50F32-P44	27,5	82,5	115	60	32	42	0,87	1 / 1	
	D4120-03-28.00F32-P44	28	84	116	60	32	42	0,89	1 / 1	
	D4120-03-28.50F32-P44	28,5	85,5	118	60	32	42	0,91	1 / 1	
	D4120-03-29.00F32-P44	29	87	119	60	32	42	0,92	1 / 1	
 Cylindrical shank with flat	D4120-03-29.50F32-P45	29,5	88,5	121	60	32	42	0,93	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120-03-30.00F32-P45	30	90	122	60	32	42	0,94	1 / 1	
	D4120-03-31.00F32-P45	31	93	125	60	32	42	0,95	1 / 1	
	D4120-03-32.00F32-P45	32	96	128	60	32	42	1	1 / 1	
	D4120-03-33.00F32-P45	33	99	131	60	32	42	1,03	1 / 1	
	D4120-03-34.00F32-P45	34	102	134	60	32	42	1,07	1 / 1	
	D4120-03-35.00F32-P45	35	105	137	60	32	42	1,12	1 / 1	

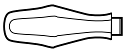
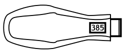
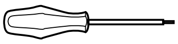
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

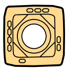
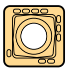
Assembly parts

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm

Accessories

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2003	FS2001	FS2001	FS2001	FS2003	FS2003
	Torque screwdriver, digital	FS2248			FS2248	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1486 (T20IP)	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840C-.R-E77	1–8									Very good	
	P4841C-.R-A57	1–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4841C-.R-E57	1–8		Good	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840P-.R-A57	1–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E57	1–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E67	1–8	Very good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E77	1–8									Very good	
	P4841P-.R-A57	1–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4841P-.R-E57	1–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate

HC = Coated carbide

B1

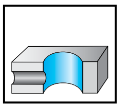
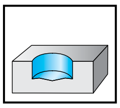
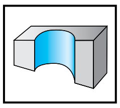
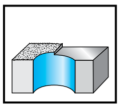
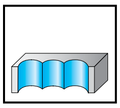
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Indexable insert drills

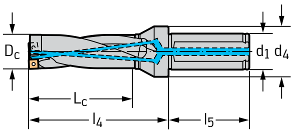
D4120 mm

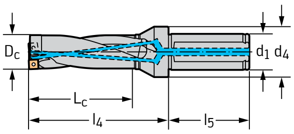
B1

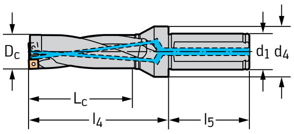
3×D_c	Z=1

	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		







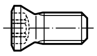
Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
Cylindrical shank with flat	D4120-03-36.00F32-P46	36	108	140	60	32	42	1,02	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120-03-37.00F40-P46	37	111	151	70	40	50	1,68	1 / 1	
	D4120-03-38.00F40-P46	38	114	154	70	40	50	1,17	1 / 1	
	D4120-03-39.00F40-P46	39	117	157	70	40	50	1,76	1 / 1	
	D4120-03-40.00F40-P46	40	120	160	70	40	50	1,82	1 / 1	
	D4120-03-41.00F40-P46	41	123	163	70	40	50	1,88	1 / 1	
	D4120-03-42.00F40-P46	42	126	166	70	40	50	1,94	1 / 1	
Cylindrical shank with flat	D4120-03-43.00F40-P47	43	129	169	70	40	50	1,98	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120-03-44.00F40-P47	44	132	172	70	40	50	2,03	1 / 1	
	D4120-03-45.00F40-P47	45	135	175	70	40	50	2,11	1 / 1	
	D4120-03-46.00F40-P47	46	138	178	70	40	50	2,17	1 / 1	
	D4120-03-47.00F40-P47	47	141	181	70	40	50	2,25	1 / 1	
	D4120-03-48.00F40-P47	48	144	184	70	40	50	2,34	1 / 1	
	D4120-03-49.00F40-P47	49	147	187	70	40	50	2,41	1 / 1	
	D4120-03-50.00F40-P47	50	150	190	70	40	50	2,5	1 / 1	
Cylindrical shank with flat	D4120-03-51.00F40-P48	51	153	193	70	40	50	2,53	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120-03-52.00F40-P48	52	156	196	70	40	50	2,6	1 / 1	
	D4120-03-53.00F40-P48	53	159	199	70	40	50	2,7	1 / 1	
	D4120-03-54.00F40-P48	54	162	202	70	40	50	2,8	1 / 1	
	D4120-03-55.00F40-P48	55	165	205	70	40	50	2,9	1 / 1	
	D4120-03-56.00F40-P48	56	168	208	70	40	50	3	1 / 1	
	D4120-03-57.00F40-P48	57	171	211	70	40	50	3,12	1 / 1	
	D4120-03-58.00F40-P48	58	174	214	70	40	50	3,23	1 / 1	
	D4120-03-59.00F40-P48	59	177	217	70	40	50	3,36	1 / 1	

Bodies and assembly parts are included in the scope of delivery

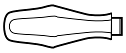
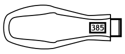
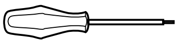
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

B1

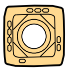
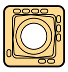
Assembly parts

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm

Accessories

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2003	FS2001	FS2001	FS2001	FS2003	FS2003
	Torque screwdriver, digital	FS2248			FS2248	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1486 (T20IP)	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840C-.R-E77	1–8									Very good	
	P4841C-.R-A57	1–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4841C-.R-E57	1–8		Good	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840P-.R-A57	1–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E57	1–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E67	1–8	Very good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E77	1–8									Very good	
	P4841P-.R-A57	1–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4841P-.R-E57	1–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate

HC = Coated carbide

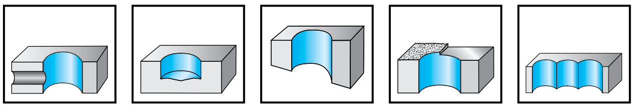
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Indexable insert drills

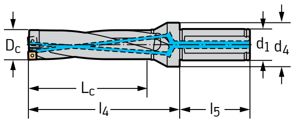
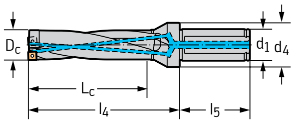
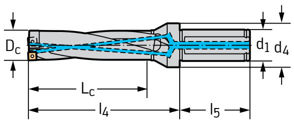
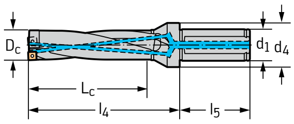
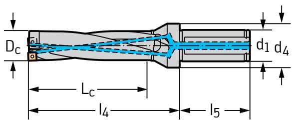
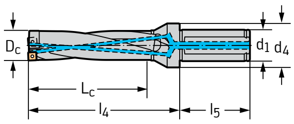
D4120 mm

B1

4×D_c | Z=1

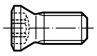


	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

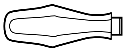
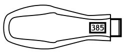
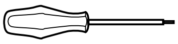
Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
	D4120-04-17.00F25-P42	17	68	93	56	25	35	0,45	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120-04-18.00F25-P42	18	72	97	56	25	35	0,46	1 / 1	
	D4120-04-19.00F25-P42	19	76	101	56	25	35	0,47	1 / 1	
Cylindrical shank with flat	D4120-04-20.00F25-P42	20	80	105	56	25	35	0,49	1 / 1	
	D4120-04-21.00F25-P43	21	84	109	56	25	35	0,49	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120-04-22.00F25-P43	22	88	113	56	25	35	0,53	1 / 1	
	D4120-04-23.00F25-P43	23	92	117	56	25	35	0,55	1 / 1	
Cylindrical shank with flat	D4120-04-24.00F25-P43	24	96	121	56	25	35	0,57	1 / 1	
	D4120-04-25.00F25-P44	25	100	125	56	25	35	0,58	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120-04-26.00F32-P44	26	104	136	60	32	42	0,89	1 / 1	
	D4120-04-27.00F32-P44	27	108	140	60	32	42	0,93	1 / 1	
	D4120-04-28.00F32-P44	28	112	144	60	32	42	0,96	1 / 1	
Cylindrical shank with flat	D4120-04-29.00F32-P44	29	116	148	60	32	42	1	1 / 1	
	D4120-04-30.00F32-P45	30	120	152	60	32	42	1,02	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120-04-31.00F32-P45	31	124	156	60	32	42	1,07	1 / 1	
	D4120-04-32.00F32-P45	32	128	160	60	32	42	1,1	1 / 1	
	D4120-04-33.00F32-P45	33	132	164	60	32	42	1,17	1 / 1	
Cylindrical shank with flat	D4120-04-34.00F32-P45	34	136	168	60	32	42	1,18	1 / 1	
	D4120-04-35.00F32-P45	35	140	172	60	32	42	1,28	1 / 1	
	D4120-04-36.00F32-P46	36	144	176	60	32	42	1,26	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120-04-37.00F40-P46	37	148	188	70	40	50	1,82	1 / 1	
	D4120-04-38.00F40-P46	38	152	192	70	40	50	1,19	1 / 1	
	D4120-04-39.00F40-P46	39	156	196	70	40	50	1,96	1 / 1	
Cylindrical shank with flat	D4120-04-40.00F40-P46	40	160	200	70	40	50	2,04	1 / 1	
	D4120-04-41.00F40-P46	41	164	204	70	40	50	2,21	1 / 1	
	D4120-04-42.00F40-P46	42	168	208	70	40	50	2,2	1 / 1	
	D4120-04-43.00F40-P47	43	172	212	70	40	50	2,23	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120-04-44.00F40-P47	44	176	216	70	40	50	2,32	1 / 1	
	D4120-04-45.00F40-P47	45	180	220	70	40	50	2,4	1 / 1	
	D4120-04-46.00F40-P47	46	184	224	70	40	50	2,5	1 / 1	
Cylindrical shank with flat	D4120-04-47.00F40-P47	47	188	228	70	40	50	2,62	1 / 1	
	D4120-04-48.00F40-P47	48	192	232	70	40	50	2,7	1 / 1	
	D4120-04-49.00F40-P47	49	196	236	70	40	50	2,84	1 / 1	
	D4120-04-50.00F40-P47	50	200	240	70	40	50	2,95	1 / 1	

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

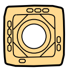
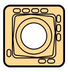
Assembly parts

		Dc [mm]	17–20	21–24	25–29	30–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque		FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

		Dc [mm]	17–20	21–24	25–29	30–42	43–59
	Torque screwdriver, analogue		FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade		FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver		FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	2–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840C-.R-E77	2–8									Very good	
	P4841C-.R-A57	2–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4841C-.R-E57	2–8		Good	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840P-.R-A57	2–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E57	2–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E67	2–8	Very good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E77	2–8									Very good	
	P4841P-.R-A57	2–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4841P-.R-E57	2–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate

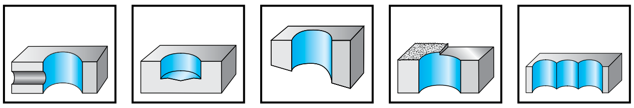
HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

Indexable insert drills

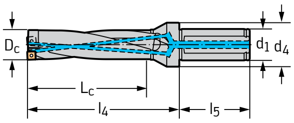
D4120 mm

4×D_c | Z=1



	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

Tool

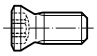


Cylindrical shank with flat

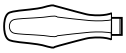
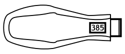
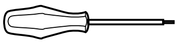
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-04-51.00F40-P48	51	204	244	70	40	50	2,98	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120-04-52.00F40-P48	52	208	248	70	40	50	3,11	1 / 1	
D4120-04-53.00F40-P48	53	212	252	70	40	50	3,25	1 / 1	
D4120-04-54.00F40-P48	54	216	256	70	40	50	3,32	1 / 1	
D4120-04-55.00F40-P48	55	220	260	70	40	50	3,44	1 / 1	
D4120-04-56.00F40-P48	56	224	264	70	40	50	3,6	1 / 1	
D4120-04-57.00F40-P48	57	228	268	70	40	50	3,8	1 / 1	
D4120-04-58.00F40-P48	58	232	272	70	40	50	3,97	1 / 1	
D4120-04-59.00F40-P48	59	236	276	70	40	50	4,09	1 / 1	

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

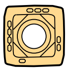
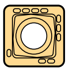
Assembly parts

	D_c [mm]	17–20	21–24	25–29	30–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	17–20	21–24	25–29	30–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	2–8		☹	☹	☹	☹	☹		☹		☹
	P4840C-.R-E77	2–8									☺	
	P4841C-.R-A57	2–8		☹	☹	☹	☹	☹		☹		☹
	P4841C-.R-E57	2–8		😐	☹	☹	☹	☹		☹		☹
	P4840P-.R-A57	2–8	😐	☹	☹		☹		😐	☹		☹
	P4840P-.R-E57	2–8	☺	😐	☹		☹		😐	☹		☹
	P4840P-.R-E67	2–8	☺	☹	☹		☹		😐	☹		☹
	P4840P-.R-E77	2–8									☺	
	P4841P-.R-A57	2–8	😐	☹	☹		☹		😐	☹		☹
	P4841P-.R-E57	2–8	☺	😐	☹		☹		😐	☹		☹

HC = Coated carbide

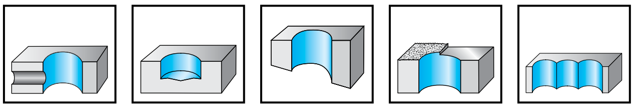
B1

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

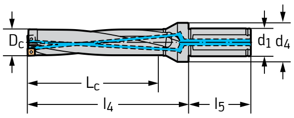
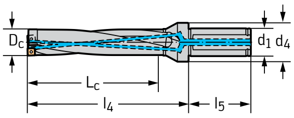
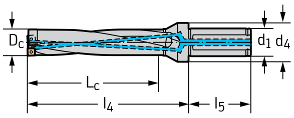
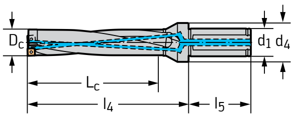
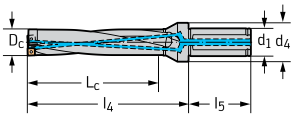
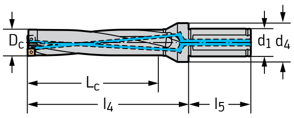
Indexable insert drills

D4120 mm

5×D_c | Z=1

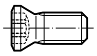


	P	M	K	N	S	H	O
D4120	●●		●●	●●			

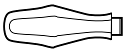
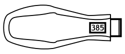
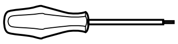
Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D4120-05-17.00F25-P42	17	85	110	56	25	35	0,39	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120-05-18.00F25-P42	18	90	115	56	25	35	0,47	1 / 1	
	D4120-05-19.00F25-P42	19	95	120	56	25	35	0,49	1 / 1	
	D4120-05-20.00F25-P42	20	100	125	56	25	35	0,51	1 / 1	
 Cylindrical shank with flat	D4120-05-21.00F25-P43	21	105	130	56	25	35	0,45	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120-05-22.00F25-P43	22	110	135	56	25	35	0,58	1 / 1	
	D4120-05-23.00F25-P43	23	115	140	56	25	35	0,62	1 / 1	
	D4120-05-24.00F25-P43	24	120	145	56	25	35	0,63	1 / 1	
 Cylindrical shank with flat	D4120-05-25.00F25-P44	25	125	150	56	25	35	0,54	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120-05-26.00F32-P44	26	130	162	60	32	42	0,95	1 / 1	
	D4120-05-27.00F32-P44	27	135	167	60	32	42	1	1 / 1	
	D4120-05-28.00F32-P44	28	140	172	60	32	42	1,03	1 / 1	
	D4120-05-29.00F32-P44	29	145	177	60	32	42	1,1	1 / 1	
 Cylindrical shank with flat	D4120-05-30.00F32-P45	30	150	182	60	32	42	1,01	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120-05-31.00F32-P45	31	155	187	60	32	42	1,18	1 / 1	
	D4120-05-32.00F32-P45	32	160	192	60	32	42	1,23	1 / 1	
	D4120-05-33.00F32-P45	33	165	197	60	32	42	1,3	1 / 1	
	D4120-05-34.00F32-P45	34	170	202	60	32	42	1,37	1 / 1	
	D4120-05-35.00F32-P45	35	175	207	60	32	42	1,45	1 / 1	
 Cylindrical shank with flat	D4120-05-36.00F32-P46	36	180	212	60	32	42	1,32	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120-05-37.00F40-P46	37	185	225	70	40	50	1,45	1 / 1	
	D4120-05-38.00F40-P46	38	190	230	70	40	50	2,02	1 / 1	
	D4120-05-39.00F40-P46	39	195	235	70	40	50	2,09	1 / 1	
	D4120-05-40.00F40-P46	40	200	240	70	40	50	2,17	1 / 1	
	D4120-05-41.00F40-P46	41	205	245	70	40	50	2,35	1 / 1	
	D4120-05-42.00F40-P46	42	210	250	70	40	50	2,45	1 / 1	
 Cylindrical shank with flat	D4120-05-43.00F40-P47	43	215	255	70	40	50	2,54	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120-05-44.00F40-P47	44	220	260	70	40	50	2,65	1 / 1	
	D4120-05-45.00F40-P47	45	225	265	70	40	50	2,75	1 / 1	
	D4120-05-46.00F40-P47	46	230	270	70	40	50	2,87	1 / 1	
	D4120-05-47.00F40-P47	47	235	275	70	40	50	2,99	1 / 1	
	D4120-05-48.00F40-P47	48	240	280	70	40	50	3,08	1 / 1	
	D4120-05-49.00F40-P47	49	245	285	70	40	50	3,26	1 / 1	
	D4120-05-50.00F40-P47	50	250	290	70	40	50	3,39	1 / 1	

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

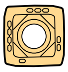
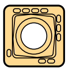
Assembly parts

		D_c [mm]	17–20	21–24	25–29	30–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque		FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

		D_c [mm]	17–20	21–24	25–29	30–42	43–59	54
	Torque screwdriver, analogue		FS2001	FS2001	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade		FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver		FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1485 (T15IP)

Indexable inserts

			P HC				M HC		K HC		N HC	S HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	2–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840C-.R-E77	2–8									Very good	
	P4841C-.R-A57	2–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4841C-.R-E57	2–8		Good	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840P-.R-A57	2–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E57	2–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E67	2–8	Very good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E77	2–8									Very good	
	P4841P-.R-A57	2–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4841P-.R-E57	2–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate

HC = Coated carbide

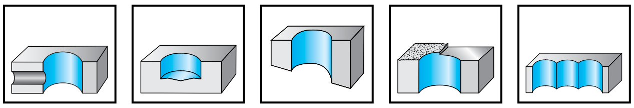
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ● → Moderate = ●

Indexable insert drills

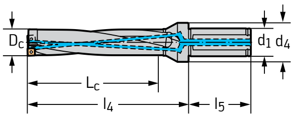
D4120 mm

5×D_c | Z=1

B1

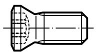


	P	M	K	N	S	H	O
D4120	●●		●●	●●			

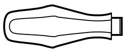
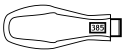
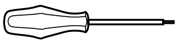
Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D4120-05-51.00F40-P48	51	255	295	70	40	50	3,45	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120-05-52.00F40-P48	52	260	300	70	40	50	3,61	1 / 1	
	D4120-05-53.00F40-P48	53	265	305	70	40	50	3,74	1 / 1	
	D4120-05-54.00F40-P48	54	270	310	70	40	50	3,86	1 / 1	
	D4120-05-55.00F40-P48	55	275	315	70	40	50	4,07	1 / 1	
	D4120-05-56.00F40-P48	56	280	320	70	40	50	4,22	1 / 1	
	D4120-05-57.00F40-P48	57	285	325	70	40	50	4,2	1 / 1	
	D4120-05-58.00F40-P48	58	290	330	70	40	50	4,39	1 / 1	
	D4120-05-59.00F40-P48	59	295	335	70	40	50	4,8	1 / 1	

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

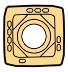
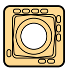
Assembly parts

		D_c [mm]	17–20	21–24	25–29	30–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque		FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

		D_c [mm]	17–20	21–24	25–29	30–42	43–59	54
	Torque screwdriver, analogue		FS2001	FS2001	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade		FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver		FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1485 (T15IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	2–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840C-.R-E77	2–8									Very good	
	P4841C-.R-A57	2–8		Moderate	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4841C-.R-E57	2–8		Good	Moderate	Moderate	Moderate	Moderate		Moderate		Moderate
	P4840P-.R-A57	2–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E57	2–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E67	2–8	Very good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4840P-.R-E77	2–8									Very good	
	P4841P-.R-A57	2–8	Good	Moderate	Moderate		Moderate		Good	Moderate		Moderate
	P4841P-.R-E57	2–8	Very good	Good	Moderate		Moderate		Good	Moderate		Moderate

HC = Coated carbide

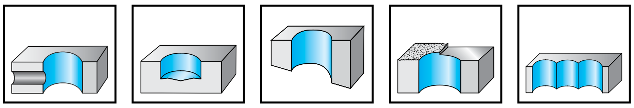
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☻

Indexable insert drills

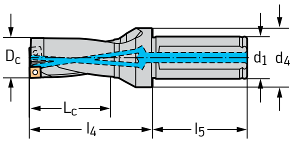
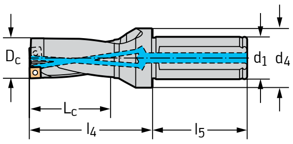
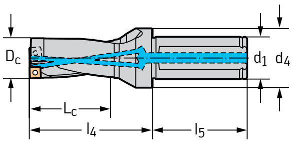
D4120 inch

2×D_c | Z=1

B1



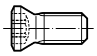
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.02-13.49F19-P41	0,531	1,062	1,849	2,031	0,750	1,125	0,009	1 1	P484 . P-1R- .. P484 . C-1R- ..
	D4120.02-13.89F19-P41	0,547	1,094	1,881	2,031	0,750	1,125	0,009	1 1	
	D4120.02-14.27F19-P41	0,562	1,124	1,911	2,031	0,750	1,125	0,009	1 1	
	D4120.02-14.68F19-P41	0,578	1,156	1,943	2,031	0,750	1,125	0,009	1 1	
	D4120.02-15.09F19-P41	0,594	1,188	1,975	2,031	0,750	1,125	0,009	1 1	
	D4120.02-15.47F19-P41	0,609	1,218	2,005	2,031	0,750	1,125	0,009	1 1	
	D4120.02-15.88F19-P41	0,625	1,250	2,037	2,031	0,750	1,125	0,010	1 1	
 Cylindrical shank with flat	D4120.02-16.66F26-P42	0,656	1,312	2,310	2,281	1,000	1,375	0,016	1 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.02-17.04F26-P42	0,671	1,342	2,34	2,281	1,000	1,375	0,017	1 1	
	D4120.02-17.45F26-P42	0,687	1,374	2,37	2,281	1,000	1,375	0,014	1 1	
	D4120.02-17.86F26-P42	0,703	1,406	2,410	2,281	1,000	1,375	0,017	1 1	
	D4120.02-18.24F26-P42	0,718	1,436	2,44	2,281	1,000	1,375	0,017	1 1	
	D4120.02-19.05F26-P42	0,750	1,500	2,500	2,281	1,000	1,375	0,018	1 1	
	D4120.02-19.43F26-P42	0,765	1,530	2,530	2,281	1,000	1,375	0,017	1 1	
	D4120.02-19.84F26-P42	0,781	1,562	2,560	2,281	1,000	1,375	0,016	1 1	
 Cylindrical shank with flat	D4120.02-20.62F26-P43	0,812	1,624	2,62	2,281	1,000	1,375	0,002	1 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.02-21.41F26-P43	0,843	1,686	2,69	2,281	1,000	1,375	0,018	1 1	
	D4120.02-22.23F31-P43	0,875	1,750	2,880	2,281	1,250	1,625	0,026	1 1	
	D4120.02-23.01F31-P43	0,906	1,812	2,94	2,281	1,250	1,625	0,026	1 1	
	D4120.02-23.39F31-P43	0,921	1,842	2,97	2,281	1,250	1,625	0,026	1 1	
	D4120.02-23.80F31-P43	0,937	1,874	3,000	2,281	1,250	1,625	0,026	1 1	

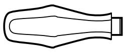
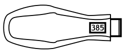
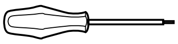
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

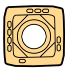
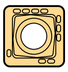
Assembly parts

	Dc [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	Dc [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		☹	☹	☹	☹	☹		☹		☹
	P4840C-.R-E77	1–8									🙂	
	P4841C-.R-A57	1–8		☹	☹	☹	☹	☹		☹		☹
	P4841C-.R-E57	1–8		😐	☹	☹	☹	☹		☹		☹
	P4840P-.R-A57	1–8	😐	☹	☹		☹		😐	☹		☹
	P4840P-.R-E57	1–8	🙂	😐	☹		☹		😐	☹		☹
	P4840P-.R-E67	1–8	🙂	☹	☹		☹		😐	☹		☹
	P4840P-.R-E77	1–8									🙂	
	P4841P-.R-A57	1–8	😐	☹	☹		☹		😐	☹		☹
	P4841P-.R-E57	1–8	🙂	😐	☹		☹		😐	☹		☹

P48 . . C = Centre insert
P48 . . P = Outer insert

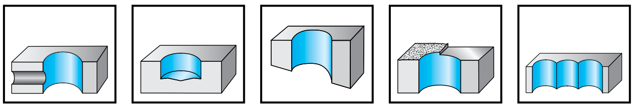
HC = Coated carbide

B1

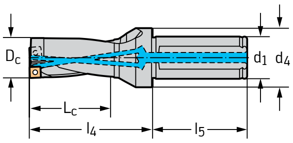
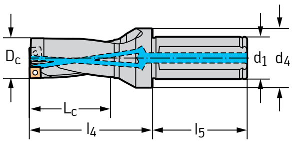
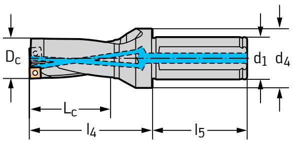
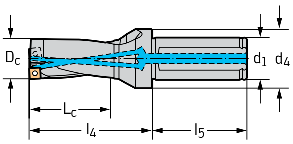
Indexable insert drills

D4120 inch

2×Dc | Z=1

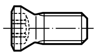


	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

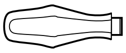
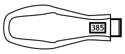
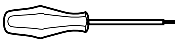
Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.02-24.59F31-P44	0,968	1,936	3,07	2,281	1,250	1,625	0,028	1 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.02-24.99F31-P44	0,984	1,968	3,100	2,281	1,250	1,625	0,028	1 1	
	D4120.02-25.40F31-P44	1,000	2,000	3,130	2,281	1,250	1,625	0,028	1 1	
	D4120.02-26.57F31-P44	1,046	2,092	3,22	2,281	1,250	1,625	0,028	1 1	
	D4120.02-26.97F31-P44	1,062	2,124	3,250	2,281	1,250	1,625	0,029	1 1	
	D4120.02-28.17F31-P44	1,109	2,218	3,350	2,281	1,250	1,625	0,030	1 1	
	D4120.02-28.58F31-P44	1,125	2,250	3,380	2,281	1,250	1,625	0,03	1 1	
 Cylindrical shank with flat	D4120.02-29.74F31-P45	1,171	2,342	3,47	2,281	1,250	1,625	0,03	1 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120.02-30.15F31-P45	1,187	2,374	3,500	2,281	1,250	1,625	0,031	1 1	
	D4120.02-31.75F31-P45	1,250	2,500	3,630	2,281	1,250	1,625	0,032	1 1	
	D4120.02-33.32F31-P45	1,312	2,624	3,750	2,281	1,250	1,625	0,034	1 1	
	D4120.02-34.11F31-P45	1,343	2,686	3,82	2,281	1,250	1,625	0,035	1 1	
	D4120.02-34.93F31-P45	1,375	2,750	3,880	2,281	1,250	1,625	0,036	1 1	
 Cylindrical shank with flat	D4120.02-36.09F31-P46	1,421	2,842	3,97	2,281	1,250	1,625	0,035	1 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.02-36.50F38-P46	1,437	2,874	4,250	2,688	1,500	1,940	0,051	1 1	
	D4120.02-38.10F38-P46	1,500	3,000	4,380	2,688	1,500	1,940	0,052	1 1	
	D4120.02-39.67F38-P46	1,562	3,124	4,500	2,688	1,500	1,940	0,053	1 1	
	D4120.02-41.28F38-P46	1,625	3,250	4,630	2,688	1,500	1,940	0,055	1 1	
 Cylindrical shank with flat	D4120.02-42.85F38-P47	1,687	3,374	4,750	2,688	1,500	1,940	0,054	1 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120.02-44.45F38-P47	1,750	3,500	4,880	2,688	1,500	1,940	0,057	1 1	
	D4120.02-46.02F38-P47	1,812	3,624	5,000	2,688	1,500	1,940	0,059	1 1	
	D4120.02-47.63F38-P47	1,875	3,750	5,130	2,688	1,500	1,940	0,062	1 1	
	D4120.02-49.20F38-P47	1,937	3,874	5,250	2,688	1,500	1,940	0,066	1 1	

Bodies and assembly parts are included in the scope of delivery

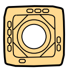
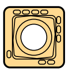
Assembly parts

	D$_c$ [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D$_c$ [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		😠	😠	😠	😠	😠		😠		😠
	P4840C-.R-E77	1–8									🙂	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠		😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠		😠
	P4840P-.R-A57	1–8	😐	😠	😠		😠		😐	😠		😠
	P4840P-.R-E57	1–8	🙂	😐	😠		😠		😐	😠		😠
	P4840P-.R-E67	1–8	🙂	😠	😠		😠		😐	😠		😠
	P4840P-.R-E77	1–8									🙂	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠		😠
	P4841P-.R-E57	1–8	🙂	😐	😠		😠		😐	😠		😠

P48 . . C = Centre insert
P48 . . P = Outer insert

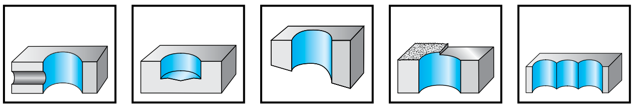
HC = Coated carbide

B1

Indexable insert drills

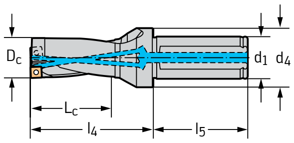
D4120 inch

2×D_c Z=1



	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

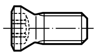


Cylindrical shank with flat

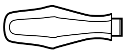
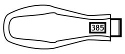
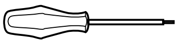
Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D4120.02-50.80F51-P48	2,000	4,000	5,62	3,250	2,000	2,440	0,106	1 1	P484 . P-8R- .. P484 . C-8R- ..
D4120.02-52.37F51-P48	2,062	4,124	5,74	3,250	2,000	2,440	0,11	1 1	
D4120.02-53.98F51-P48	2,125	4,250	5,87	3,250	2,000	2,440	0,115	1 1	
D4120.02-55.55F51-P48	2,187	4,374	5,99	3,250	2,000	2,440	0,119	1 1	
D4120.02-57.15F51-P48	2,250	4,500	6,12	3,250	2,000	2,440	0,124	1 1	

Bodies and assembly parts are included in the scope of delivery

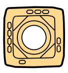
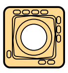
Assembly parts

	D_c [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		😠	😠	😠	😠	😠		😠		😠
	P4840C-.R-E77	1–8									😊	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠		😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠		😠
	P4840P-.R-A57	1–8	😐	😠	😠		😠		😐	😠		😠
	P4840P-.R-E57	1–8	😊	😐	😠		😠		😐	😠		😠
	P4840P-.R-E67	1–8	😊	😠	😠		😠		😐	😠		😠
	P4840P-.R-E77	1–8									😊	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠		😠
	P4841P-.R-E57	1–8	😊	😐	😠		😠		😐	😠		😠

P48 . . C = Centre insert
P48 . . P = Outer insert

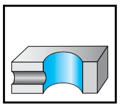
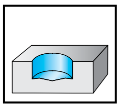
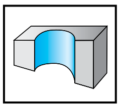
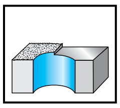
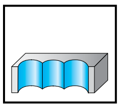
HC = Coated carbide

B1

Indexable insert drills

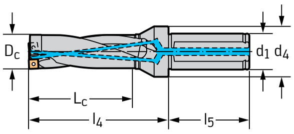
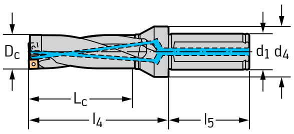
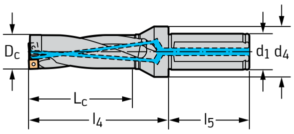
D4120 inch

3×D_c Z=1

	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

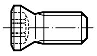
Tool

	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.03-13.49F19-P41	0,531	1,593	2,380	2,031	0,750	1,125	0,007	1 1	P484 . P-1R- .. P484 . C-1R- ..
	D4120.03-13.89F19-P41	0,547	1,641	2,428	2,031	0,750	1,125	0,007	1 1	
	D4120.03-14.27F19-P41	0,562	1,686	2,473	2,031	0,750	1,125	0,009	1 1	
	D4120.03-14.68F19-P41	0,578	1,734	2,521	2,031	0,750	1,125	0,010	1 1	
	D4120.03-15.09F19-P41	0,594	1,782	2,569	2,031	0,750	1,125	0,008	1 1	
	D4120.03-15.47F19-P41	0,609	1,827	2,614	2,031	0,750	1,125	0,008	1 1	
	D4120.03-15.88F19-P41	0,625	1,875	2,662	2,031	0,750	1,125	0,01	1 1	
 Cylindrical shank with flat	D4120.03-16.66F26-P42	0,656	1,968	2,97	2,281	1,000	1,375	0,017	1 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.03-17.04F26-P42	0,671	2,013	3,010	2,281	1,000	1,375	0,016	1 1	
	D4120.03-17.45F26-P42	0,687	2,061	3,060	2,281	1,000	1,375	0,016	1 1	
	D4120.03-17.86F26-P42	0,703	2,109	3,110	2,281	1,000	1,375	0,016	1 1	
	D4120.03-18.24F26-P42	0,718	2,154	3,150	2,281	1,000	1,375	0,017	1 1	
	D4120.03-19.05F26-P42	0,750	2,250	3,250	2,281	1,000	1,375	0,018	1 1	
	D4120.03-19.43F26-P42	0,765	2,295	3,300	2,281	1,000	1,375	0,017	1 1	
	D4120.03-19.84F26-P42	0,781	2,343	3,34	2,281	1,000	1,375	0,019	1 1	
 Cylindrical shank with flat	D4120.03-20.62F26-P43	0,812	2,436	3,44	2,281	1,000	1,375	0,019	1 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.03-21.41F26-P43	0,843	2,529	3,530	2,281	1,000	1,375	0,019	1 1	
	D4120.03-22.23F31-P43	0,875	2,625	3,760	2,281	1,250	1,625	0,028	1 1	
	D4120.03-23.01F31-P43	0,906	2,718	3,850	2,281	1,250	1,625	0,028	1 1	
	D4120.03-23.39F31-P43	0,921	2,763	3,89	2,281	1,250	1,625	0,027	1 1	
	D4120.03-23.80F31-P43	0,937	2,811	3,94	2,281	1,250	1,625	0,027	1 1	

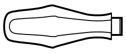
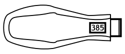
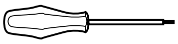
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT **Stability of machine, workpiece and clamping arrangement** → Very good = → Good = → Moderate =

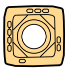
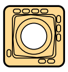
Assembly parts

		D_c [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque		FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

		D_c [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue		FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital				FS2248	FS2248	FS2248	FS2248
	Interchangeable blade		FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver		FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		☹	☹	☹	☹	☹		☹		☹
	P4840C-.R-E77	1–8									☺	
	P4841C-.R-A57	1–8		☹	☹	☹	☹	☹		☹		☹
	P4841C-.R-E57	1–8		😐	☹	☹	☹	☹		☹		☹
	P4840P-.R-A57	1–8	😐	☹	☹		☹		😐	☹		☹
	P4840P-.R-E57	1–8	☺	😐	☹		☹		😐	☹		☹
	P4840P-.R-E67	1–8	☺	☹	☹		☹		😐	☹		☹
	P4840P-.R-E77	1–8									☺	
	P4841P-.R-A57	1–8	😐	☹	☹		☹		😐	☹		☹
	P4841P-.R-E57	1–8	☺	😐	☹		☹		😐	☹		☹

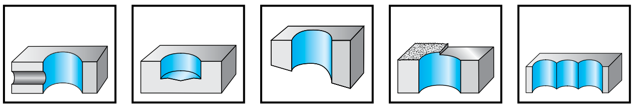
P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide

Indexable insert drills

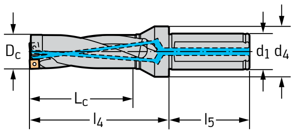
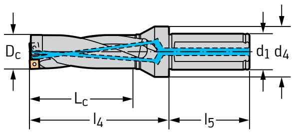
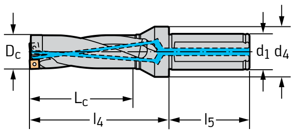
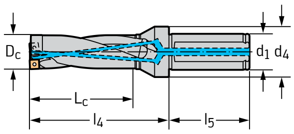
D4120 inch

3×D_c | Z=1



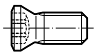
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

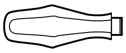
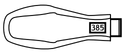
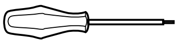
Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.03-24.59F31-P44	0,968	2,904	4,030	2,281	1,250	1,625	0,026	1 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.03-24.99F31-P44	0,984	2,952	4,080	2,281	1,250	1,625	0,027	1 1	
	D4120.03-25.40F31-P44	1,000	3,000	4,130	2,281	1,250	1,625	0,030	1 1	
	D4120.03-26.57F31-P44	1,046	3,138	4,27	2,281	1,250	1,625	0,028	1 1	
	D4120.03-26.97F31-P44	1,062	3,186	4,32	2,281	1,250	1,625	0,031	1 1	
	D4120.03-28.17F31-P44	1,109	3,327	4,460	2,281	1,250	1,625	0,031	1 1	
	D4120.03-28.58F31-P44	1,125	3,375	4,510	2,281	1,250	1,625	0,033	1 1	
 Cylindrical shank with flat	D4120.03-29.74F31-P45	1,171	3,513	4,64	2,281	1,250	1,625	0,031	1 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120.03-30.15F31-P45	1,187	3,561	4,69	2,281	1,250	1,625	0,033	1 1	
	D4120.03-31.75F31-P45	1,250	3,750	4,880	2,281	1,250	1,625	0,037	1 1	
	D4120.03-33.32F31-P45	1,312	3,936	5,07	2,281	1,250	1,625	0,039	1 1	
	D4120.03-34.11F31-P45	1,343	4,029	5,160	2,281	1,250	1,625	0,039	1 1	
	D4120.03-34.93F31-P45	1,375	4,125	5,260	2,281	1,250	1,625	0,042	1 1	
 Cylindrical shank with flat	D4120.03-36.09F31-P46	1,421	4,263	5,39	2,281	1,250	1,625	0,041	1 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.03-36.50F38-P46	1,437	4,311	5,69	2,688	1,500	1,940	0,055	1 1	
	D4120.03-38.10F38-P46	1,500	4,500	5,880	2,688	1,500	1,940	0,06	1 1	
	D4120.03-39.67F38-P46	1,562	4,686	6,07	2,688	1,500	1,940	0,062	1 1	
	D4120.03-41.28F38-P46	1,625	4,875	6,260	2,688	1,500	1,940	0,063	1 1	
 Cylindrical shank with flat	D4120.03-42.85F38-P47	1,687	5,061	6,44	2,688	1,500	1,940	0,066	1 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120.03-44.45F38-P47	1,750	5,250	6,630	2,688	1,500	1,940	0,070	1 1	
	D4120.03-46.02F38-P47	1,812	5,436	6,82	2,688	1,500	1,940	0,074	1 1	
	D4120.03-47.63F38-P47	1,875	5,625	7,010	2,688	1,500	1,940	0,079	1 1	
	D4120.03-49.20F38-P47	1,937	5,811	7,19	2,688	1,500	1,940	0,084	1 1	

Bodies and assembly parts are included in the scope of delivery

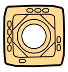
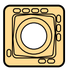
Assembly parts

	D_c [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		😠	😠	😠	😠	😠		😠		😠
	P4840C-.R-E77	1–8									☺	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠		😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠		😠
	P4840P-.R-A57	1–8	😐	😠	😠		😠		😐	😠		😠
	P4840P-.R-E57	1–8	☺	😐	😠		😠		😐	😠		😠
	P4840P-.R-E67	1–8	☺	😠	😠		😠		😐	😠		😠
	P4840P-.R-E77	1–8									☺	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠		😠
	P4841P-.R-E57	1–8	☺	😐	😠		😠		😐	😠		😠

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide

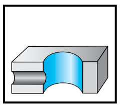
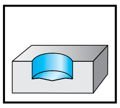
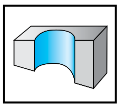
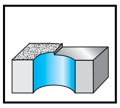
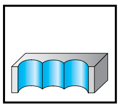
B1

Indexable insert drills

D4120 inch

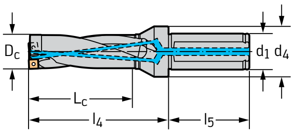
B1

3×D_c | Z=1

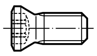
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

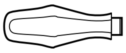
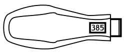
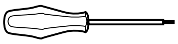
Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.03-50.80F51-P48	2,000	6,000	7,62	3,250	2,000	2,440	0,125	1 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120.03-52.37F51-P48	2,062	6,186	7,810	3,250	2,000	2,440	0,131	1 1	
	D4120.03-53.98F51-P48	2,125	6,375	8,000	3,250	2,000	2,440	0,137	1 1	
	D4120.03-55.55F51-P48	2,187	6,561	8,180	3,250	2,000	2,440	0,144	1 1	
	D4120.03-57.15F51-P48	2,250	6,750	8,37	3,250	2,000	2,440	0,152	1 1	

Bodies and assembly parts are included in the scope of delivery

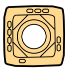
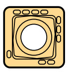
Assembly parts

	D_c [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,53–0,62	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	1–8		😠	😠	😠	😠	😠		😠		😠
	P4840C-.R-E77	1–8									😊	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠		😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠		😠
	P4840P-.R-A57	1–8	😐	😠	😠		😠		😐	😠		😠
	P4840P-.R-E57	1–8	😊	😐	😠		😠		😐	😠		😠
	P4840P-.R-E67	1–8	😊	😠	😠		😠		😐	😠		😠
	P4840P-.R-E77	1–8									😊	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠		😠
	P4841P-.R-E57	1–8	😊	😐	😠		😠		😐	😠		😠

P48 . . C = Centre insert
P48 . . P = Outer insert

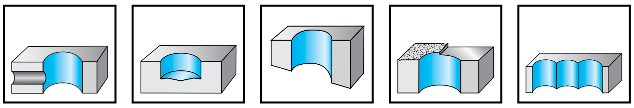
HC = Coated carbide

B1

Indexable insert drills

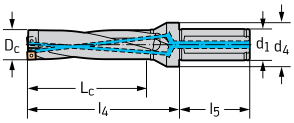
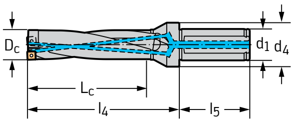
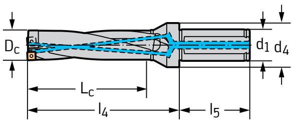
D4120 inch

4×D_c | Z=1



	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

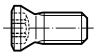
Tool

Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.04-16.66F26-P42	0,656	2,624	3,62	2,281	1,000	1,375	0,016	1 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.04-17.04F26-P42	0,671	2,684	3,680	2,281	1,000	1,375	0,017	1 1	
	D4120.04-17.45F26-P42	0,687	2,748	3,750	2,281	1,000	1,375	0,017	1 1	
	D4120.04-17.86F26-P42	0,703	2,812	3,810	2,281	1,000	1,375	0,017	1 1	
	D4120.04-18.24F26-P42	0,718	2,872	3,87	2,281	1,000	1,375	0,017	1 1	
	D4120.04-19.05F26-P42	0,750	3,000	4,000	2,281	1,000	1,375	0,018	1 1	
	D4120.04-19.43F26-P42	0,765	3,060	4,060	2,281	1,000	1,375	0,018	1 1	
	D4120.04-19.84F26-P42	0,781	3,124	4,12	2,281	1,000	1,375	0,018	1 1	
 Cylindrical shank with flat	D4120.04-20.62F26-P43	0,812	3,248	4,250	2,281	1,000	1,375	0,019	1 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.04-21.41F26-P43	0,843	3,372	4,37	2,281	1,000	1,375	0,019	1 1	
	D4120.04-22.23F31-P43	0,875	3,500	4,630	2,281	1,250	1,625	0,030	1 1	
	D4120.04-23.01F31-P43	0,906	3,624	4,750	2,281	1,250	1,625	0,029	1 1	
	D4120.04-23.39F31-P43	0,921	3,684	4,810	2,281	1,250	1,625	0,027	1 1	
	D4120.04-23.80F31-P43	0,937	3,748	4,880	2,281	1,250	1,625	0,031	1 1	
 Cylindrical shank with flat	D4120.04-24.59F31-P44	0,968	3,872	5,000	2,281	1,250	1,625	0,028	1 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.04-24.99F31-P44	0,984	3,936	5,07	2,281	1,250	1,625	0,032	1 1	
	D4120.04-25.40F31-P44	1,000	4,000	5,130	2,281	1,250	1,625	0,032	1 1	
	D4120.04-26.57F31-P44	1,046	4,184	5,310	2,281	1,250	1,625	0,031	1 1	
	D4120.04-26.97F31-P44	1,062	4,248	5,380	2,281	1,250	1,625	0,034	1 1	
	D4120.04-28.17F31-P44	1,109	4,436	5,57	2,281	1,250	1,625	0,034	1 1	
	D4120.04-28.58F31-P44	1,125	4,500	5,630	2,281	1,250	1,625	0,035	1 1	

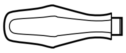
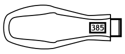
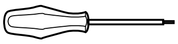
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

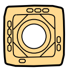
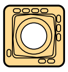
Assembly parts

	Dc [inch]	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	Dc [inch]	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	2–8		☹	☹	☹	☹	☹		☹		☹
	P4840C-.R-E77	2–8									☺	
	P4841C-.R-A57	2–8		☹	☹	☹	☹	☹		☹		☹
	P4841C-.R-E57	2–8		😐	☹	☹	☹	☹		☹		☹
	P4840P-.R-A57	2–8	😐	☹	☹		☹		😐	☹		☹
	P4840P-.R-E57	2–8	☺	😐	☹		☹		😐	☹		☹
	P4840P-.R-E67	2–8	☺	☹	☹		☹		😐	☹		☹
	P4840P-.R-E77	2–8									☺	
	P4841P-.R-A57	2–8	😐	☹	☹		☹		😐	☹		☹
	P4841P-.R-E57	2–8	☺	😐	☹		☹		😐	☹		☹

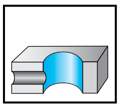
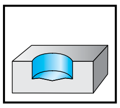
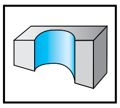
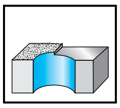
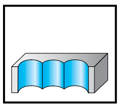
P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide

Indexable insert drills

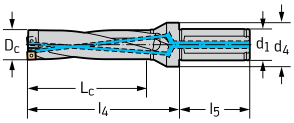
D4120 inch

4×D_c | Z=1

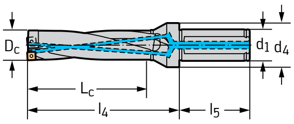
	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

Tool



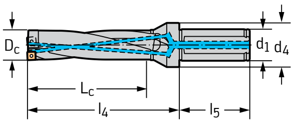
Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D4120.04-29.74F31-P45	1,171	4,684	5,810	2,281	1,250	1,625	0,036	1 1	P484 . P-5R- .. P484 . C-5R- ..
D4120.04-30.15F31-P45	1,187	4,748	5,880	2,281	1,250	1,625	0,039	1 1	
D4120.04-31.75F31-P45	1,250	5,000	6,130	2,281	1,250	1,625	0,041	1 1	
D4120.04-33.32F31-P45	1,312	5,248	6,380	2,281	1,250	1,625	0,043	1 1	
D4120.04-34.11F31-P45	1,343	5,372	6,496	2,281	1,250	1,625	0,042	1 1	
D4120.04-34.93F31-P45	1,375	5,500	6,630	2,281	1,250	1,625	0,048	1 1	



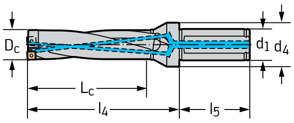
Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D4120.04-36.09F31-P46	1,421	5,684	6,810	2,281	1,250	1,625	0,043	1 1	P484 . P-6R- .. P484 . C-6R- ..
D4120.04-36.50F38-P46	1,437	5,748	7,130	2,688	1,500	1,940	0,059	1 1	
D4120.04-38.10F38-P46	1,500	6,000	7,380	2,688	1,500	1,940	0,066	1 1	
D4120.04-39.67F38-P46	1,562	6,248	7,630	2,688	1,500	1,940	0,07	1 1	
D4120.04-41.28F38-P46	1,625	6,500	7,880	2,688	1,500	1,940	0,072	1 1	



Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D4120.04-42.85F38-P47	1,687	6,748	8,128	2,688	1,500	1,940	0,076	1 1	P484 . P-7R- .. P484 . C-7R- ..
D4120.04-44.45F38-P47	1,750	7,000	8,380	2,688	1,500	1,940	0,081	1 1	
D4120.04-46.02F38-P47	1,812	7,248	8,628	2,688	1,500	1,940	0,087	1 1	
D4120.04-47.63F38-P47	1,875	7,500	8,880	2,688	1,500	1,940	0,093	1 1	
D4120.04-49.20F38-P47	1,937	7,748	9,128	2,688	1,500	1,940	0,1	1 1	

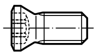


Cylindrical shank with flat

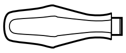
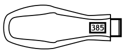
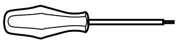
Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D4120.04-50.80F51-P48	2,000	8,000	9,62	3,250	2,000	2,440	0,145	1 1	P484 . P-8R- .. P484 . C-8R- ..
D4120.04-52.37F51-P48	2,062	8,248	9,868	3,250	2,000	2,440	0,153	1 1	
D4120.04-53.98F51-P48	2,125	8,500	10,12	3,250	2,000	2,440	0,168	1 1	
D4120.04-55.55F51-P48	2,187	8,748	10,368	3,250	2,000	2,440	0,171	1 1	
D4120.04-57.15F51-P48	2,250	9,000	10,62	3,250	2,000	2,440	0,18	1 1	

Bodies and assembly parts are included in the scope of delivery

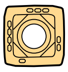
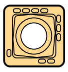
Assembly parts

	D_c [inch]	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	2–8		☹	☹	☹	☹	☹		☹		☹
	P4840C-.R-E77	2–8									☺	
	P4841C-.R-A57	2–8		☹	☹	☹	☹	☹		☹		☹
	P4841C-.R-E57	2–8		😐	☹	☹	☹	☹		☹		☹
	P4840P-.R-A57	2–8	😐	☹	☹		☹		😐	☹		☹
	P4840P-.R-E57	2–8	☺	😐	☹		☹		😐	☹		☹
	P4840P-.R-E67	2–8	☺	☹	☹		☹		😐	☹		☹
	P4840P-.R-E77	2–8									☺	
	P4841P-.R-A57	2–8	😐	☹	☹		☹		😐	☹		☹
	P4841P-.R-E57	2–8	☺	😐	☹		☹		😐	☹		☹

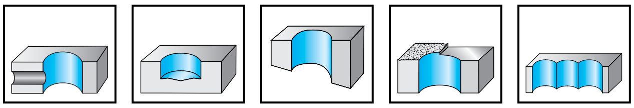
P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide

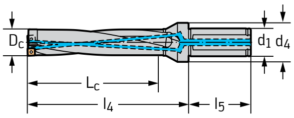
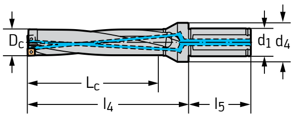
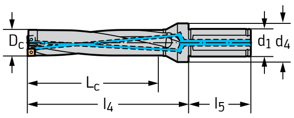
Indexable insert drills

D4120 inch

5×D_c | Z=1



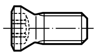
	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.05-16.66F26-P42	0,656	3,280	4,280	2,281	1,000	1,375	0,018	1 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.05-17.04F26-P42	0,671	3,355	4,355	2,281	1,000	1,375	0,019	1 1	
	D4120.05-17.45F26-P42	0,687	3,435	4,435	2,281	1,000	1,375	0,019	1 1	
	D4120.05-17.86F26-P42	0,703	3,515	4,515	2,281	1,000	1,375	0,019	1 1	
	D4120.05-18.24F26-P42	0,718	3,590	4,59	2,281	1,000	1,375	0,020	1 1	
	D4120.05-19.05F26-P42	0,750	3,750	4,750	2,281	1,000	1,375	0,021	1 1	
	D4120.05-19.43F26-P42	0,765	3,825	4,825	2,281	1,000	1,375	0,020	1 1	
	D4120.05-19.84F26-P42	0,781	3,905	4,905	2,281	1,000	1,375	0,02	1 1	
 Cylindrical shank with flat	D4120.05-20.62F26-P43	0,812	4,06	5,060	2,281	1,000	1,375	0,021	1 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.05-21.41F26-P43	0,843	4,215	5,215	2,281	1,000	1,375	0,022	1 1	
	D4120.05-22.23F31-P43	0,875	4,375	5,505	2,281	1,250	1,625	0,031	1 1	
	D4120.05-23.01F31-P43	0,906	4,530	5,660	2,281	1,250	1,625	0,032	1 1	
	D4120.05-23.39F31-P43	0,921	4,605	5,735	2,281	1,250	1,625	0,032	1 1	
	D4120.05-23.80F31-P43	0,937	4,685	5,815	2,281	1,250	1,625	0,033	1 1	
 Cylindrical shank with flat	D4120.05-24.59F31-P44	0,968	4,840	5,97	2,281	1,250	1,625	0,033	1 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.05-24.99F31-P44	0,984	4,92	6,050	2,281	1,250	1,625	0,035	1 1	
	D4120.05-25.40F31-P44	1,000	5,000	6,130	2,362	1,250	1,625	0,035	1 1	
	D4120.05-26.57F31-P44	1,046	5,230	6,360	2,281	1,250	1,625	0,037	1 1	
	D4120.05-26.97F31-P44	1,062	5,31	6,44	2,281	1,250	1,625	0,037	1 1	
	D4120.05-28.17F31-P44	1,109	5,545	6,675	2,281	1,250	1,625	0,040	1 1	
	D4120.05-28.58F31-P44	1,125	5,625	6,755	2,281	1,250	1,625	0,040	1 1	

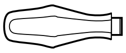
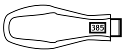
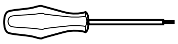
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

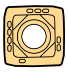
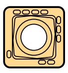
Assembly parts

	D_c [inch]	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P				M		K		N	S
			HC				HC		HC		HC	HC
	Designation	Size	WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WSP45G
	P4840C-.R-E67	2–8		😠	😠	😠	😠	😠		😠		😠
	P4840C-.R-E77	2–8									🙂	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠		😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠		😠
	P4840P-.R-A57	2–8	😐	😠	😠		😠		😐	😠		😠
	P4840P-.R-E57	2–8	🙂	😐	😠		😠		😐	😠		😠
	P4840P-.R-E67	2–8	🙂	😠	😠		😠		😐	😠		😠
	P4840P-.R-E77	2–8									🙂	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠		😠
	P4841P-.R-E57	2–8	🙂	😐	😠		😠		😐	😠		😠

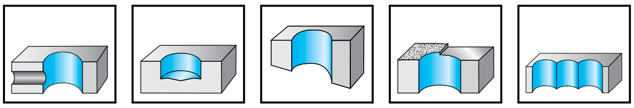
P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide

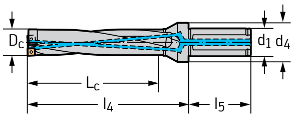
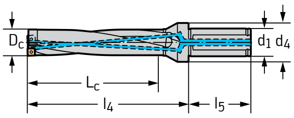
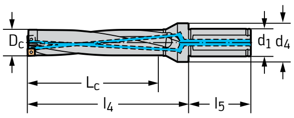
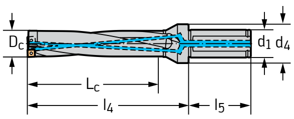
Indexable insert drills

D4120 inch

5×D_c | Z=1

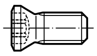


	P	M	K	N	S	H	O
D4120	●●		●●	●●			

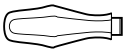
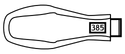
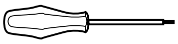
Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
	D4120.05-29.74F31-P45	1,171	5,855	6,985	2,281	1,250	1,625	0,042	1 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120.05-30.15F31-P45	1,187	5,935	7,065	2,281	1,250	1,625	0,042	1 1	
Cylindrical shank with flat	D4120.05-31.75F31-P45	1,250	6,250	7,380	2,281	1,250	1,625	0,046	1 1	
	D4120.05-33.32F31-P45	1,312	6,56	7,69	2,281	1,250	1,625	0,050	1 1	
	D4120.05-34.11F31-P45	1,343	6,715	7,845	2,281	1,250	1,625	0,052	1 1	
	D4120.05-34.93F31-P45	1,375	6,875	8,005	2,281	1,250	1,625	0,054	1 1	
	D4120.05-36.09F31-P46	1,421	7,105	8,235	2,281	1,250	1,625	0,052	1 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.05-36.50F38-P46	1,437	7,185	8,565	2,688	1,500	1,940	0,068	1 1	
Cylindrical shank with flat	D4120.05-38.10F38-P46	1,500	7,500	8,880	2,688	1,500	1,940	0,073	1 1	
	D4120.05-39.67F38-P46	1,562	7,81	9,19	2,688	1,500	1,940	0,082	1 1	
	D4120.05-41.28F38-P46	1,625	8,125	9,505	2,688	1,500	1,940	0,082	1 1	
	D4120.05-42.85F38-P47	1,687	8,435	9,815	2,688	1,500	1,940	0,083	1 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120.05-44.45F38-P47	1,750	8,750	10,130	2,688	1,500	1,940	0,092	1 1	
Cylindrical shank with flat	D4120.05-46.02F38-P47	1,812	9,06	10,44	2,688	1,500	1,940	0,099	1 1	
	D4120.05-47.63F38-P47	1,875	9,375	10,755	2,688	1,500	1,940	0,107	1 1	
	D4120.05-49.20F38-P47	1,937	9,685	11,065	2,688	1,500	1,940	0,115	1 1	
	D4120.05-50.80F51-P48	2,000	10,000	11,62	3,250	2,000	2,440	0,163	1 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120.05-52.37F51-P48	2,062	10,31	11,930	3,250	2,000	2,440	0,173	1 1	
Cylindrical shank with flat	D4120.05-53.98F51-P48	2,125	10,625	12,245	3,250	2,000	2,440	0,184	1 1	
	D4120.05-55.55F51-P48	2,187	10,935	12,555	3,250	2,000	2,440	0,195	1 1	
	D4120.05-57.15F51-P48	2,250	11,250	12,87	3,250	2,000	2,440	0,206	1 1	

Bodies and assembly parts are included in the scope of delivery

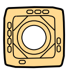
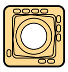
Assembly parts

		D_c [inch]	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,38	1,42–1,62	1,69–2,25
	Clamping screw for indexable insert Tightening torque		FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

		D_c [inch]	0,66–0,78	0,81–0,94	0,97–1,12	1,17–1,62	1,69–2,25
	Torque screwdriver, analogue		FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade		FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver		FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	S HC WSP45G
	P4840C-.R-E67	2–8		😠	😠	😠	😠	😠		😠		😠
	P4840C-.R-E77	2–8									🙂	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠		😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠		😠
	P4840P-.R-A57	2–8	😐	😠	😠		😠		😐	😠		😠
	P4840P-.R-E57	2–8	🙂	😐	😠		😠		😐	😠		😠
	P4840P-.R-E67	2–8	🙂	😠	😠		😠		😐	😠		😠
	P4840P-.R-E77	2–8									🙂	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠		😠
	P4841P-.R-E57	2–8	🙂	😐	😠		😠		😐	😠		😠

P48 . . C = Centre insert
P48 . . P = Outer insert

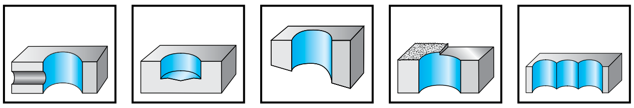
HC = Coated carbide

B1

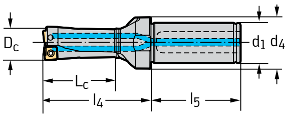
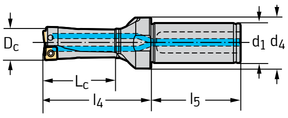
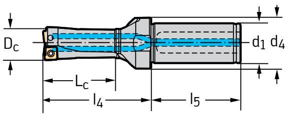
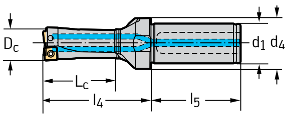
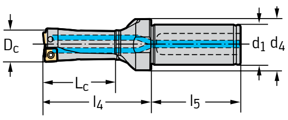
Indexable insert drills

D3120 mm

2×Dc Z=1



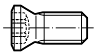
	P	M	K	N	S	H	O
D3120	●●	●●	●●	●●	●●		

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
	D3120-02-16.00F25-P21	16	32	57	56	25	32	0,3	2	P284 . S-1N- ..
	D3120-02-17.00F25-P21	17	34	59	56	25	32	0,31	2	
	D3120-02-18.00F25-P21	18	36	61	56	25	32	0,31	2	
	D3120-02-19.00F25-P21	19	38	63	56	25	32	0,32	2	
Cylindrical shank with flat	D3120-02-20.00F25-P21	20	40	65	56	25	32	0,34	2	
	D3120-02-21.00F25-P22	21	42	67	56	25	32	0,36	2	P284 . S-2N- ..
	D3120-02-22.00F25-P22	22	44	69	56	25	32	0,35	2	
	D3120-02-23.00F25-P22	23	46	71	56	25	32	0,36	2	
	D3120-02-24.00F25-P22	24	48	73	56	25	32	0,37	2	
Cylindrical shank with flat	D3120-02-25.00F25-P22	25	50	75	56	25	32	0,39	2	
	D3120-02-26.00F32-P23	26	52	84	60	32	40	0,62	2	P284 . S-3N- ..
	D3120-02-27.00F32-P23	27	54	86	60	32	40	0,68	2	
	D3120-02-28.00F32-P23	28	56	88	60	32	40	0,66	2	
	D3120-02-29.00F32-P23	29	58	90	60	32	40	0,69	2	
Cylindrical shank with flat	D3120-02-30.00F32-P23	30	60	92	60	32	40	0,71	2	
	D3120-02-31.00F32-P24	31	62	94	60	32	40	0,69	2	P284 . S-4N- ..
	D3120-02-32.00F32-P24	32	64	96	60	32	40	0,72	2	
	D3120-02-33.00F32-P24	33	66	98	60	32	40	0,75	2	
	D3120-02-34.00F32-P24	34	68	100	60	32	40	0,78	2	
Cylindrical shank with flat	D3120-02-35.00F32-P24	35	70	102	60	32	40	0,81	2	
	D3120-02-36.00F32-P24	36	72	104	60	32	40	0,85	2	
	D3120-02-37.00F40-P25	37	74	114	70	40	50	1,28	2	P284 . S-5N- ..
	D3120-02-38.00F40-P25	38	76	116	70	40	50	1,32	2	
	D3120-02-39.00F40-P25	39	78	118	70	40	50	1,36	2	
	D3120-02-40.00F40-P25	40	80	120	70	40	50	1,39	2	
Cylindrical shank with flat	D3120-02-41.00F40-P25	41	82	122	70	40	50	1,44	2	
	D3120-02-42.00F40-P25	42	84	124	70	40	50	1,48	2	

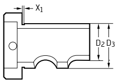
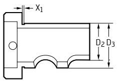
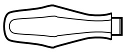
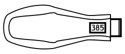
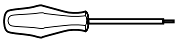
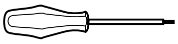
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

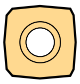
Assembly parts

		16–20	21–25	26–30	31–36	37–42
	D_c [mm]	16–20	21–25	26–30	31–36	37–42
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm	FS2139 (T20IP) 5 Nm

Accessories

	D_c [mm]	16–20	21–25	26–36	37–42
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm			FS723	FS724
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722		
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade			FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver			FS1485 (T15IP)	FS1486 (T20IP)
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)		
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)		

Indexable inserts

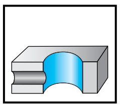
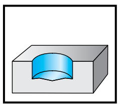
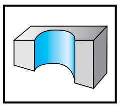
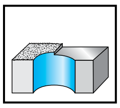
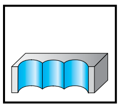
			P					M			K		N		S	
			HC					HC			HC		HC	HW	HC	
	Designation	Size	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	P2840S-.N-A57	1–5	😐	😠	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2840S-.N-E67	1–5		😠	😠	😠	😠	😠	😠	😠		😠			😠	😠
	P2840S-.N-E77	1–5											🙂	😊		
	P2841S-.N-A57	1–5	😐	😠	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2841S-.N-E57	1–5	🙂	😐	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2841S-.N-E67	1–5		😠	😠	😠	😠	😠	😠	😠		😠			😠	😠

HC = Coated carbide
HW = Uncoated carbide

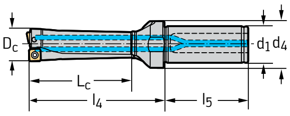
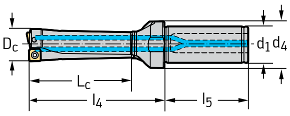
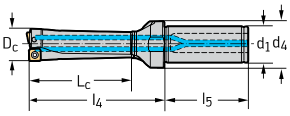
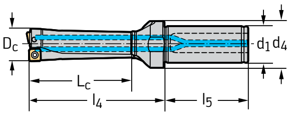
Indexable insert drills

D3120 mm

3×D_c | Z=1

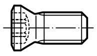
	P	M	K	N	S	H	O
D3120	●●	●●	●●	●●	●●		

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D3120-03-16.00F25-P21	16	48	73	56	25	32	0,31	2	P284 . S-1N- ..
	D3120-03-17.00F25-P21	17	51	76	56	25	32	0,32	2	
	D3120-03-17.50F25-P21	17,5	52,5	77,5	56	25	32	0,33	2	
	D3120-03-18.00F25-P21	18	54	79	56	25	32	0,33	2	
	D3120-03-19.00F25-P21	19	57	82	56	25	32	0,34	2	
	D3120-03-19.50F25-P21	19,5	58,5	83,5	56	25	32	0,35	2	
	D3120-03-20.00F25-P21	20	60	85	56	25	32	0,4	2	
 Cylindrical shank with flat	D3120-03-21.00F25-P22	21	63	88	56	25	32	0,36	2	P284 . S-2N- ..
	D3120-03-22.00F25-P22	22	66	91	56	25	32	0,42	2	
	D3120-03-23.00F25-P22	23	69	94	56	25	32	0,37	2	
	D3120-03-24.00F25-P22	24	72	97	56	25	32	0,42	2	
	D3120-03-25.00F25-P22	25	75	100	56	25	32	0,46	2	
 Cylindrical shank with flat	D3120-03-26.00F32-P23	26	78	110	60	32	40	0,67	2	P284 . S-3N- ..
	D3120-03-26.50F32-P23	26,5	79,5	111,5	60	32	40	0,69	2	
	D3120-03-27.00F32-P23	27	81	113	60	32	40	0,74	2	
	D3120-03-28.00F32-P23	28	84	116	60	32	40	0,73	2	
	D3120-03-29.00F32-P23	29	87	119	60	32	40	0,76	2	
	D3120-03-29.50F32-P23	29,5	88,5	120,5	60	32	40	0,78	2	
	D3120-03-30.00F32-P23	30	90	122	60	32	40	0,84	2	
 Cylindrical shank with flat	D3120-03-31.00F32-P24	31	93	125	60	32	40	0,78	2	P284 . S-4N- ..
	D3120-03-32.00F32-P24	32	96	128	60	32	40	0,86	2	
	D3120-03-33.00F32-P24	33	99	131	60	32	40	0,86	2	
	D3120-03-34.00F32-P24	34	102	134	60	32	40	0,9	2	
	D3120-03-35.00F32-P24	35	105	137	60	32	40	0,95	2	
	D3120-03-36.00F32-P24	36	108	140	60	32	40	1	2	

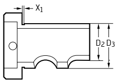
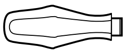
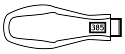
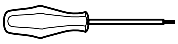
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

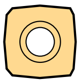
Assembly parts

	D_c [mm]	16–20	21–25	26–30	29,5	31–36
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm	FS1456 (T9IP) 2 Nm

Accessories

	D_c [mm]	16–20	21–25	26–36	26,5–29,5
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722	FS723	FS723
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2013 (T9IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1484 (T9IP)

Indexable inserts

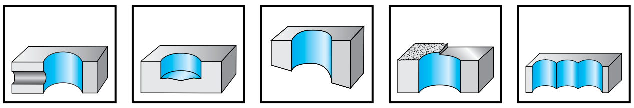
			P					M			K		N		S	
			HC					HC			HC		HC	HW	HC	
	Designation	Size	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	P2840S-.N-A57	1–4	😐	☹	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	P2840S-.N-E67	1–4		☹	☹	☹	☹	☹	☹	☹		☹			☹	☹
	P2840S-.N-E77	1–4											😊	😊		
	P2841S-.N-A57	1–4	😐	☹	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	P2841S-.N-E57	1–4	😊	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	P2841S-.N-E67	1–4		☹	☹	☹	☹	☹	☹	☹		☹			☹	☹

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

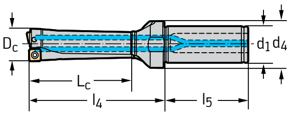
D3120 mm

3×D_c | Z = 1



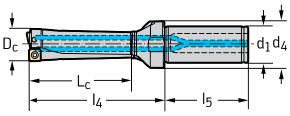
	P	M	K	N	S	H	O
D3120	●●	●●	●●	●●	●●		

Tool



Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D3120-03-37.00F40-P25	37	111	151	70	40	50	1,43	2	P284 . S-5N- ..
D3120-03-37.50F40-P25	37,5	112,5	152,5	70	40	50	1,46	2	
D3120-03-38.00F40-P25	38	114	154	70	40	50	1,49	2	
D3120-03-39.00F40-P25	39	117	157	70	40	50	1,64	2	
D3120-03-40.00F40-P25	40	120	160	70	40	50	1,6	2	
D3120-03-40.50F40-P25	40,5	121,5	161,5	70	40	50	1,64	2	
D3120-03-41.00F40-P25	41	123	163	70	40	50	1,67	2	
D3120-03-42.00F40-P25	42	126	166	70	40	50	1,83	2	



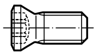
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D3120-03-43.00F40-P26	43	129	169	70	40	50	1,74	2	P284 . S-6N- ..
D3120-03-44.00F40-P26	44	132	172	70	40	50	1,81	2	
D3120-03-45.00F40-P26	45	135	175	70	40	50	1,89	2	
D3120-03-46.00F40-P26	46	138	178	70	40	50	1,98	2	
D3120-03-47.00F40-P26	47	141	181	70	40	50	2,05	2	
D3120-03-48.00F40-P26	48	144	184	70	40	50	2,14	2	
D3120-03-49.00F40-P26	49	147	187	70	40	50	2,23	2	
D3120-03-50.00F40-P26	50	150	190	70	40	50	2,33	2	

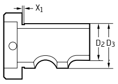
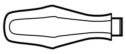
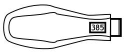
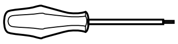
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

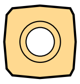
Assembly parts

	Dc [mm]	37–42	43–50
	Clamping screw for indexable insert Tightening torque	FS2139 (T20IP) 5 Nm	FS2281 (T20IP) 5 Nm

Accessories

	Dc [mm]	37–50
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS724
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

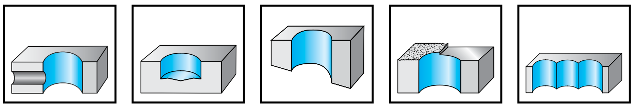
			P					M			K		N		S	
			HC					HC			HC		HC	HW	HC	
	Designation	Size	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	P2840S-.N-A57	5–6	😐	😠	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2840S-.N-E67	5–6		😠	😠	😠	😠	😠	😠	😠		😠			😠	😠
	P2840S-.N-E77	5–6											🙂	🙂		
	P2841S-.N-A57	5–6	😐	😠	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2841S-.N-E57	5–6	🙂	😐	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2841S-.N-E67	5–6		😠	😠	😠	😠	😠	😠	😠		😠			😠	😠

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

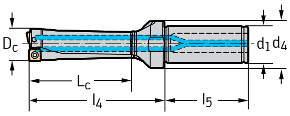
D3120 mm

3×D_c | Z=1



	P	M	K	N	S	H	O
D3120	●●	●	●●	●●	●		

Tool



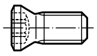
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D3120-03-50.50F40-P27	50,5	151,5	191,5	70	40	50	2,29	2	P284 . S-7N- ..
D3120-03-51.00F40-P27	51	153	193	70	40	50	2,34	2	
D3120-03-52.00F40-P27	52	156	196	70	40	50	2,44	2	
D3120-03-53.00F40-P27	53	159	199	70	40	50	2,55	2	
D3120-03-54.00F40-P27	54	162	202	70	40	50	2,67	2	
D3120-03-54.50F40-P27	54,5	163,5	203,5	70	40	50	2,73	2	
D3120-03-55.00F40-P27	55	165	205	70	40	50	2,79	2	
D3120-03-56.00F40-P27	56	168	208	70	40	50	2,91	2	
D3120-03-57.00F40-P27	57	171	211	70	40	50	3,04	2	
D3120-03-58.00F40-P27	58	174	214	70	40	50	3,17	2	

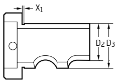
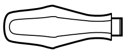
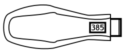
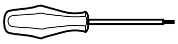
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

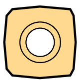
Assembly parts

	D_c [mm]	50,5–58
	Clamping screw for indexable insert Tightening torque	FS2281 (T20IP) 5 Nm

Accessories

	D_c [mm]	50,5–58
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS724
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

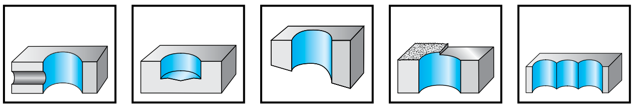
			P					M			K		N		S	
			HC					HC			HC		HC	HW	HC	
	Designation	Size	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	P2840S-.N-A57	7		😠	😠			😠				😠			😠	
	P2840S-.N-E67	7		😠	😠	😠		😠	😠			😠			😠	😠
	P2840S-.N-E77	7											🙂	😊		
	P2841S-.N-A57	7	😐	😠	😠		😠	😠		😠	😐	😠			😠	
	P2841S-.N-E57	7		😐	😠		😠	😠		😠		😠			😠	
	P2841S-.N-E67	7		😠	😠		😠	😠		😠		😠			😠	

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

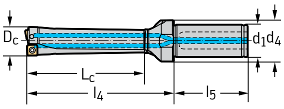
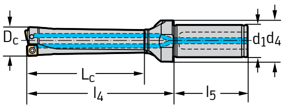
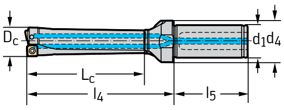
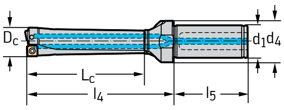
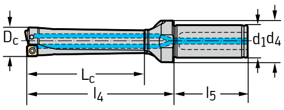
D3120 mm

B1



4×D_c	Z=1

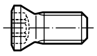
	P	M	K	N	S	H	O
D3120	●●	●	●●	●●	●		

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
	D3120-04-16.00F25-P21	16	64	89	56	25	32	0,35	2	P284 . S-1N- ..
	D3120-04-17.00F25-P21	17	68	93	56	25	32	0,33	2	
	D3120-04-18.00F25-P21	18	72	97	56	25	32	0,35	2	
	D3120-04-19.00F25-P21	19	76	101	56	25	32	0,36	2	
Cylindrical shank with flat	D3120-04-20.00F25-P21	20	80	105	56	25	32	0,38	2	
	D3120-04-21.00F25-P22	21	84	109	56	25	32	0,38	2	P284 . S-2N- ..
	D3120-04-22.00F25-P22	22	88	113	56	25	32	0,43	2	
	D3120-04-23.00F25-P22	23	92	117	56	25	32	0,43	2	
	D3120-04-24.00F25-P22	24	96	121	56	25	32	0,46	2	
Cylindrical shank with flat	D3120-04-25.00F25-P22	25	100	125	56	25	32	0,49	2	
	D3120-04-26.00F32-P23	26	104	136	60	32	40	0,72	2	P284 . S-3N- ..
	D3120-04-27.00F32-P23	27	108	140	60	32	40	0,76	2	
	D3120-04-28.00F32-P23	28	112	144	60	32	40	0,8	2	
	D3120-04-29.00F32-P23	29	116	148	60	32	40	0,84	2	
Cylindrical shank with flat	D3120-04-30.00F32-P23	30	120	152	60	32	40	0,88	2	
	D3120-04-31.00F32-P24	31	124	156	60	32	40	0,86	2	P284 . S-4N- ..
	D3120-04-32.00F32-P24	32	128	160	60	32	40	0,91	2	
	D3120-04-33.00F32-P24	33	132	164	60	32	40	0,96	2	
	D3120-04-34.00F32-P24	34	136	168	60	32	40	1,09	2	
Cylindrical shank with flat	D3120-04-35.00F32-P24	35	140	172	60	32	40	1,08	2	
	D3120-04-36.00F32-P24	36	144	176	60	32	40	1,15	2	
	D3120-04-37.00F40-P25	37	148	188	70	40	50	1,59	2	P284 . S-5N- ..
	D3120-04-38.00F40-P25	38	152	192	70	40	50	1,66	2	
	D3120-04-39.00F40-P25	39	156	196	70	40	50	1,74	2	
	D3120-04-40.00F40-P25	40	160	200	70	40	50	1,89	2	
Cylindrical shank with flat	D3120-04-41.00F40-P25	41	164	204	70	40	50	1,9	2	
	D3120-04-42.00F40-P25	42	168	208	70	40	50	1,99	2	

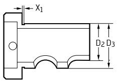
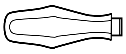
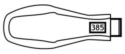
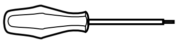
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

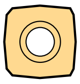
Assembly parts

	D_c [mm]	16–20	21–25	26–30	31–36	37–42
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm	FS2139 (T20IP) 5 Nm

Accessories

	D_c [mm]	16–20	21–25	26–36	37–42
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722	FS723	FS724
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

			P					M			K		N		S	
			HC					HC			HC		HC	HW	HC	
	Designation	Size	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	P2840S-.N-A57	1–5	😐	😠	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2840S-.N-E67	1–5		😠	😠	😠	😠	😠	😠	😠		😠			😠	😠
	P2840S-.N-E77	1–5											🙂	🙂		
	P2841S-.N-A57	1–5	😐	😠	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2841S-.N-E57	1–5	🙂	😐	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2841S-.N-E67	1–5		😠	😠	😠	😠	😠	😠	😠		😠			😠	😠

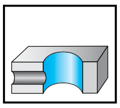
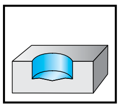
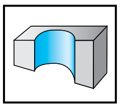
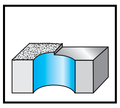
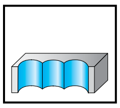
HC = Coated carbide
HW = Uncoated carbide

B1

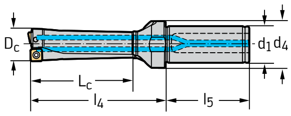
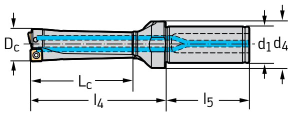
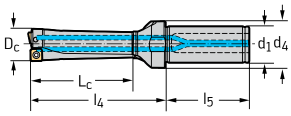
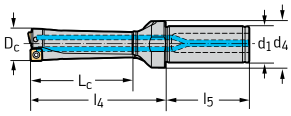
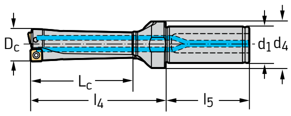
Indexable insert drills

D3120 inch

3×D_c | Z=1

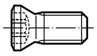
	P	M	K	N	S	H	O
D3120	●●	●●	●●	●●	●●		

Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D3120.03-19.05F26-P21	0,750	2,252	3,256	2,281	1,000	1,378	0,015	2	P284 . S-1N- ..
 Cylindrical shank with flat	D3120.03-22.23F26-P22	0,875	2,626	3,630	2,281	1,000	1,378	0,016	2	P284 . S-2N- ..
	D3120.03-25.40F26-P22	1,000	3,000	4,004	2,281	1,000	1,378	0,019	2	
 Cylindrical shank with flat	D3120.03-28.58F31-P23	1,125	3,378	4,634	2,281	1,250	1,622	0,029	2	P284 . S-3N- ..
 Cylindrical shank with flat	D3120.03-31.75F31-P24	1,250	3,752	5,008	2,281	1,250	1,622	0,031	2	P284 . S-4N- ..
	D3120.03-34.93F31-P24	1,375	4,126	5,382	2,281	1,250	1,622	0,037	2	
 Cylindrical shank with flat	D3120.03-38.10F38-P25	1,500	4,500	6,075	2,688	1,500	1,929	0,055	2	P284 . S-5N- ..

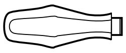
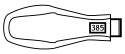
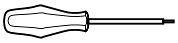
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

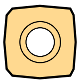
Assembly parts

	D$_c$ [inch]	0,75	0,88–1	1,12	1,25–1,38	1,5
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm	FS2139 (T20IP) 5 Nm

Accessories

	D$_c$ [inch]	0,75	0,88–1	1,12–1,38	1,5
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

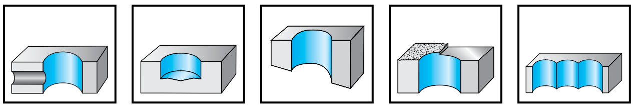
			P					M			K		N		S	
			HC					HC			HC		HC	HW	HC	
	Designation	Size	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	P2840S-.N-A57	1–5	😐	😠	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2840S-.N-E67	1–5		😠	😠	😠	😠	😠	😠	😠		😠			😠	😠
	P2840S-.N-E77	1–5											🙂	🙂		
	P2841S-.N-A57	1–5	😐	😠	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2841S-.N-E57	1–5	🙂	😐	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	P2841S-.N-E67	1–5		😠	😠	😠	😠	😠	😠	😠		😠			😠	😠

HC = Coated carbide
HW = Uncoated carbide

Insert drills

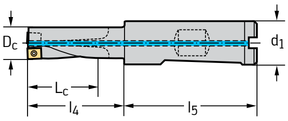
B3212 mm

Dc 10–18	2×Dc	Z=1



	P	M	K	N	S	H	O
B3212	●●	●●	●●	●●	●●		

Tool



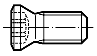
DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	kg	No. of inserts	Type
B3212.DF.10,0.Z01.20R	10	20	31	48	16	0,09	1 1	LCMX050203-.. LCMX050203-..
B3212.DF.10,2.Z01.20R	10,2	20,4	31	48	16	0,09	1 1	
B3212.DF.10,5.Z01.21R	10,5	21	32	48	16	0,09	1 1	
B3212.DF.11,0.Z01.22R	11	22	34	48	16	0,09	1 1	
B3212.DF.11,5.Z01.23R	11,5	23	35	48	16	0,09	1 1	
B3212.DF.11,7.Z01.23R	11,7	23,4	35	48	16	0,09	1 1	
B3212.DF.12,0.Z01.24R	12	24	36	48	16	0,1	1 1	
B3212.DF.12,5.Z01.25R	12,5	25	38	48	16	0,1	1 1	
B3212.DF.13,0.Z01.26R	13	26	39	48	16	0,1	1 1	
B3212.DF.13,5.Z01.27R	13,5	27	40	48	16	0,1	1 1	
B3212.DF.13,7.Z01.27R	13,7	27,4	41	48	16	0,1	1 1	
B3212.DF.14,0.Z01.28R	14	28	42	48	16	0,1	1 1	LCMX06T204-.. LCMX06T204-..
B3212.DF.14,5.Z01.29R	14,5	29	43	48	16	0,11	1 1	
B3212.DF.15,0.Z01.30R	15	30	44	48	16	0,11	1 1	
B3212.DF.15,5.Z01.31R	15,5	31	45	48	16	0,11	1 1	
B3212.DF.15,7.Z01.31R	15,7	31,4	46	48	16	0,11	1 1	
B3212.DF.16,0.Z01.32R	16	32	47	48	16	0,11	1 1	
B3212.DF.16,5.Z01.33R	16,5	33	48	48	16	0,12	1 1	
B3212.DF.17,0.Z01.34R	17	34	49	48	16	0,12	1 1	
B3212.DF.17,5.Z01.35R	17,5	35	51	48	16	0,13	1 1	
B3212.DF.18,0.Z01.36R	18	36	52	48	16	0,13	1 1	

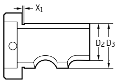
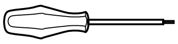
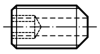
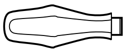
Possible X adjustment for drilling into solid material greater than the nominal diameter
X = +0.2 mm/-0.1 mm   ΔD = +0.4 mm/-0.2 mm
Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures.
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

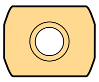
Assembly parts

	D_c [mm]	10–13,7	14–15,7	16–18
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,4 Nm	FS1004 (T7) 0,6 Nm	FS1020 (T7) 0,6 Nm

Accessories

	D_c [mm]	10–13,7	14–18
	Eccentric sleeve	FS1207	FS1207
	Screwdriver	FS1063 (T6)	FS309 (T7)
	Clamping screw for collet chuck	FS1209 (SW 8)	FS1209 (SW 8)
	Torque screwdriver, analogue	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)

Indexable inserts

				P					M			K		N		S	
				HC					HC			HC		HC	HW	HC	
	Designation	l mm	l_2 mm	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	LCGX050203-E77	4	5,2											☺	☺		
	LCMX050203-B57	4	5,2	☺	😐	☹	☹	☹	☹	☹	☹	😐	😐			☹	☹
	LCMX050203-D57	4	5,2	☺	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCMX050203-E57	4	5,2	☺	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCGX06T204-E77	5,2	6,6											☺	☺		
	LCMX06T204-B57	5,2	6,6	☺	😐	☹	☹	☹	☹	☹	☹	😐	😐			☹	☹
	LCMX06T204-D57	5,2	6,6	☺	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCMX06T204-E57	5,2	6,6	☺	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹

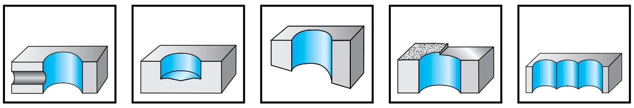
HC = Coated carbide
HW = Uncoated carbide

Insert drills

B3212 inch

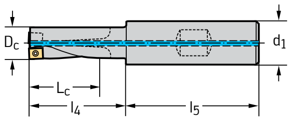
B1

2×D_c | Z=1



	P	M	K	N	S	H	O
B3212	●●	●●	●●	●●	●●		

Tool



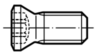
Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	lbs	No. of inserts	Type
B3212.U3F.0099.Z01.20R	0,391	0,782	1,229	1,969	0,750	0,005	1 1	LCMX050203-.. LCMX050203-..
B3212.U3F.0103.Z01.21R	0,406	0,812	1,275	1,969	0,750	0,005	1 1	
B3212.U3F.0107.Z01.21R	0,421	0,842	1,321	1,969	0,750	0,006	1 1	
B3212.U3F.0111.Z01.22R	0,437	0,874	1,370	1,969	0,750	0,005	1 1	
B3212.U3F.0115.Z01.23R	0,453	0,906	1,420	1,969	0,750	0,005	1 1	
B3212.U3F.0119.Z01.24R	0,469	0,938	1,469	1,969	0,750	0,005	1 1	
B3212.U3F.0123.Z01.25R	0,484	0,968	1,516	1,969	0,750	0,005	1 1	
B3212.U3F.0127.Z01.25R	0,500	1,000	1,565	1,969	0,750	0,008	1 1	
B3212.U3F.0131.Z01.26R	0,515	1,030	1,612	1,969	0,750	0,006	1 1	
B3212.U3F.0135.Z01.27R	0,531	1,062	1,661	1,969	0,750	0,008	1 1	
B3212.U3F.0139.Z01.28R	0,547	1,094	1,722	1,969	0,750	0,006	1 1	LCMX06T204-.. LCMX06T204-..
B3212.U3F.0143.Z01.29R	0,562	1,124	1,768	1,969	0,750	0,006	1 1	
B3212.U3F.0155.Z01.31R	0,609	1,218	1,914	1,969	0,750	0,006	1 1	
B3212.U3F.0159.Z01.32R	0,625	1,250	1,963	1,969	0,750	0,008	1 1	

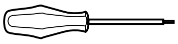
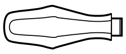
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

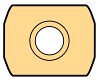
Assembly parts

	D_c [inch]	0,39–0,53	0,55–0,62
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,4 Nm	FS1004 (T7) 0,6 Nm

Accessories

	D_c [inch]	0,39–0,53	0,55–0,62
	Screwdriver	FS1063 (T6)	FS309 (T7)
	Torque screwdriver, analogue	FS2002	FS2002
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)

Indexable inserts

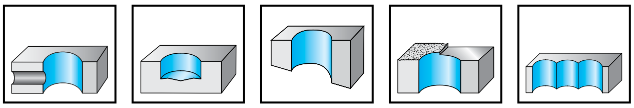
				P					M			K		N		S	
				HC					HC			HC		HC	HW	HC	
	Designation	l mm	l_2 mm	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	LCGX050203-E77	4	5,2											☻	☺		
	LCMX050203-B57	4	5,2	☻	😐	☹	☹	☹	☹	☹	☹	😐	😐			☹	☹
	LCMX050203-D57	4	5,2	☻	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCMX050203-E57	4	5,2	☻	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCGX06T204-E77	5,2	6,6											☻	☺		
	LCMX06T204-B57	5,2	6,6	☻	😐	☹	☹	☹	☹	☹	☹	😐	😐			☹	☹
	LCMX06T204-D57	5,2	6,6	☻	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCMX06T204-E57	5,2	6,6	☻	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹

HC = Coated carbide
HW = Uncoated carbide

Insert drills

B3213 inch

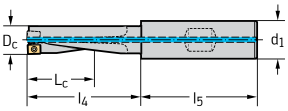
3×D_c | Z=1



	P	M	K	N	S	H	O
B3213	●●	●●	●●	●●	●●		

B1

Tool



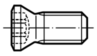
Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	lbs	No. of inserts	Type
B3213.U3F.0099.Z01.30R	0,391	1,173	1,585	1,969	0,750	0,005	1 1	LCMX050203-.. LCMX050203-..
B3213.U3F.0103.Z01.31R	0,406	1,218	1,644	1,969	0,750	0,005	1 1	
B3213.U3F.0107.Z01.32R	0,421	1,263	1,704	1,969	0,750	0,008	1 1	
B3213.U3F.0111.Z01.33R	0,437	1,311	1,768	1,969	0,750	0,005	1 1	
B3213.U3F.0115.Z01.35R	0,453	1,359	1,832	1,969	0,750	0,006	1 1	
B3213.U3F.0119.Z01.36R	0,469	1,407	1,896	1,969	0,750	0,006	1 1	
B3213.U3F.0123.Z01.37R	0,484	1,452	1,956	1,969	0,750	0,006	1 1	
B3213.U3F.0127.Z01.38R	0,500	1,500	2,020	1,969	0,750	0,008	1 1	
B3213.U3F.0131.Z01.39R	0,515	1,545	2,081	1,969	0,750	0,006	1 1	
B3213.U3F.0135.Z01.40R	0,531	1,593	2,144	1,969	0,750	0,008	1 1	
B3213.U3F.0139.Z01.42R	0,547	1,641	2,220	1,969	0,750	0,008	1 1	LCMX06T204- .. LCMX06T204- ..
B3213.U3F.0143.Z01.43R	0,562	1,686	2,279	1,969	0,750	0,009	1 1	
B3213.U3F.0147.Z01.44R	0,578	1,734	2,344	1,969	0,750	0,006	1 1	
B3213.U3F.0155.Z01.46R	0,609	1,827	2,468	1,969	0,750	0,007	1 1	
B3213.U3F.0159.Z01.48R	0,625	1,875	2,532	1,969	0,750	0,007	1 1	
B3213.U3F.0163.Z01.49R	0,64	1,92	2,592	1,969	0,750	0,007	1 1	

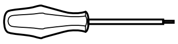
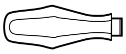
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

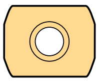
Assembly parts

	Dc [inch]	0,39–0,53	0,55–0,64
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,4 Nm	FS1004 (T7) 0,6 Nm

Accessories

	Dc [inch]	0,39–0,53	0,55–0,64
	Screwdriver	FS1063 (T6)	FS309 (T7)
	Torque screwdriver, analogue	FS2002	FS2002
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)

Indexable inserts

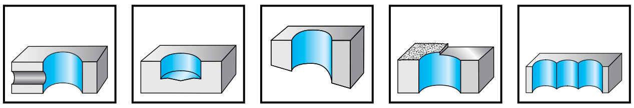
				P					M			K		N		S	
				HC					HC			HC		HC	HW	HC	
	Designation	l mm	l_2 mm	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	LCGX050203-E77	4	5,2											🙂	🙂		
	LCMX050203-B57	4	5,2	🙂	😐	☹	☹	☹	☹	☹	☹	😐	😐			☹	☹
	LCMX050203-D57	4	5,2	🙂	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCMX050203-E57	4	5,2	🙂	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCGX06T204-E77	5,2	6,6											🙂	🙂		
	LCMX06T204-B57	5,2	6,6	🙂	😐	☹	☹	☹	☹	☹	☹	😐	😐			☹	☹
	LCMX06T204-D57	5,2	6,6	🙂	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCMX06T204-E57	5,2	6,6	🙂	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹

HC = Coated carbide
HW = Uncoated carbide

Insert drills

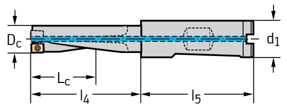
B3213 mm

Dc 10–18	3×Dc	Z=1



	P	M	K	N	S	H	O
B3213	●●	●●	●●	●●	●●		

Tool



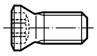
DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	kg	No. of inserts	Type
B3213.DF.10,0.Z01.30R	10	30	41	48	16	0,09	1 1	LCMX050203-.. LCMX050203-..
B3213.DF.10,2.Z01.30R	10,2	30,6	41	48	16	0,09	1 1	
B3213.DF.10,5.Z01.31R	10,5	31,5	43	48	16	0,09	1 1	
B3213.DF.11,0.Z01.33R	11	33	45	48	16	0,1	1 1	
B3213.DF.11,5.Z01.34R	11,5	34,5	47	48	16	0,1	1 1	
B3213.DF.11,7.Z01.35R	11,7	35,1	48	48	16	0,1	1 1	
B3213.DF.12,0.Z01.36R	12	36	48	48	16	0,1	1 1	
B3213.DF.12,5.Z01.37R	12,5	37,5	50	48	16	0,1	1 1	
B3213.DF.13,0.Z01.39R	13	39	52	48	16	0,11	1 1	
B3213.DF.13,5.Z01.40R	13,5	40,5	54	48	16	0,11	1 1	
B3213.DF.13,7.Z01.41R	13,7	41,1	55	48	16	0,11	1 1	
B3213.DF.14,0.Z01.42R	14	42	56	48	16	0,11	1 1	LCMX06T204-.. LCMX06T204-..
B3213.DF.14,5.Z01.43R	14,5	43,5	57	48	16	0,11	1 1	
B3213.DF.15,0.Z01.45R	15	45	59	48	16	0,12	1 1	
B3213.DF.15,5.Z01.46R	15,5	46,5	61	48	16	0,12	1 1	
B3213.DF.15,7.Z01.47R	15,7	47	62	48	16	0,13	1 1	
B3213.DF.16,0.Z01.48R	16	48	63	48	16	0,12	1 1	
B3213.DF.16,5.Z01.49R	16,5	49,5	65	48	16	0,14	1 1	
B3213.DF.17,0.Z01.51R	17	51	66	48	16	0,14	1 1	
B3213.DF.17,5.Z01.52R	17,5	52,5	68	48	16	0,14	1 1	
B3213.DF.18,0.Z01.54R	18	54	70	48	16	0,15	1 1	

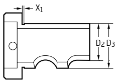
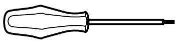
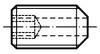
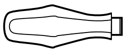
Possible X adjustment for drilling into solid material greater than the nominal diameter
X = +0.2 mm/-0.1 mm   ΔD = +0.4 mm/-0.2 mm
Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures.
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

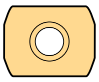
Assembly parts

	D_c [mm]	10–13,7	14–15,7	16–18
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,4 Nm	FS1004 (T7) 0,6 Nm	FS1020 (T7) 0,6 Nm

Accessories

	D_c [mm]	10–13,5	13,7	14–18
	Eccentric sleeve	FS1207	FS1207	FS1207
	Screwdriver	FS1063 (T6)	FS309 (T7)	FS1063 (T6)
	Clamping screw for collet chuck	FS1209 (SW 8)	FS1209 (SW 8)	FS1209 (SW 8)
	Torque screwdriver, analogue	FS2001	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)	FS2006 (T7)

Indexable inserts

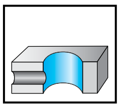
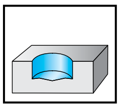
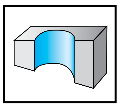
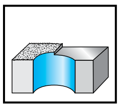
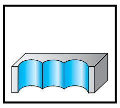
				P					M			K		N		S	
				HC					HC			HC		HC	HW	HC	
	Designation	l mm	l_2 mm	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	LCGX050203-E77	4	5,2											☺	☺		
	LCMX050203-B57	4	5,2	☺	😐	☹	☹	☹	☹	☹	☹	😐	😐			☹	☹
	LCMX050203-D57	4	5,2	☺	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCMX050203-E57	4	5,2	☺	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCGX06T204-E77	5,2	6,6											☺	☺		
	LCMX06T204-B57	5,2	6,6	☺	😐	☹	☹	☹	☹	☹	☹	😐	😐			☹	☹
	LCMX06T204-D57	5,2	6,6	☺	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹
	LCMX06T204-E57	5,2	6,6	☺	😐	☹	☹	☹	☹	☹	☹	😐	☹			☹	☹

HC = Coated carbide
HW = Uncoated carbide

Insert drills

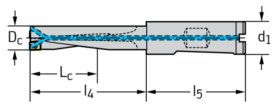
B3214 mm

Dc 10–18	4×Dc	Z=1



	P	M	K	N	S	H	O
B3214			●●	●●			

Tool



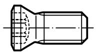
DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	kg	No. of inserts	Type
B3214.DF.10,0.Z01.40R	10	40	51	48	16	0,09	1 1	LCMX050203-.. LCMX050203-..
B3214.DF.10,5.Z01.42R	10,5	42	53	48	16	0,1	1 1	
B3214.DF.11,0.Z01.44R	11	44	56	48	16	0,1	1 1	
B3214.DF.11,5.Z01.46R	11,5	46	58	48	16	0,1	1 1	
B3214.DF.12,0.Z01.48R	12	48	60	48	16	0,11	1 1	
B3214.DF.12,5.Z01.50R	12,5	50	62	48	16	0,11	1 1	
B3214.DF.13,0.Z01.52R	13	52	65	48	16	0,11	1 1	
B3214.DF.13,5.Z01.54R	13,5	54	67	48	16	0,12	1 1	
B3214.DF.14,0.Z01.56R	14	56	70	48	16	0,12	1 1	LCMX06T204- .. LCMX06T204- ..
B3214.DF.14,5.Z01.58R	14,5	58	72	48	16	0,13	1 1	
B3214.DF.15,0.Z01.60R	15	60	74	48	16	0,13	1 1	
B3214.DF.15,5.Z01.62R	15,5	62	77	48	16	0,14	1 1	
B3214.DF.16,0.Z01.64R	16	64	78	48	16	0,14	1 1	
B3214.DF.16,5.Z01.66R	16,5	66	82	48	16	0,17	1 1	
B3214.DF.17,5.Z01.70R	17,5	70	85	48	16	0,17	1 1	
B3214.DF.18,0.Z01.72R	18	72	88	48	16	0,17	1 1	

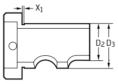
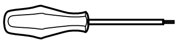
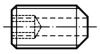
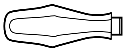
Possible X adjustment for drilling into solid material greater than the nominal diameter
X = +0.2 mm/-0.1 mm ΔD = +0.4 mm/-0.2 mm
Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures.
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

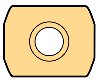
Assembly parts

	Dc [mm]	10–13,5	14–15,5	16–18
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,4 Nm	FS1004 (T7) 0,6 Nm	FS1020 (T7) 0,6 Nm

Accessories

	D_c [mm]	10–13,5	14–18
	Eccentric sleeve	FS1207	FS1207
	Screwdriver	FS1063 (T6)	FS309 (T7)
	Clamping screw for collet chuck	FS1209 (SW 8)	FS1209 (SW 8)
	Torque screwdriver, analogue	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)

Indexable inserts

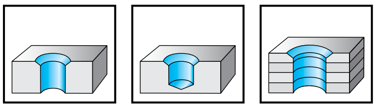
				P					M			K		N		S	
				HC					HC			HC		HC	HW	HC	
	Designation	l mm	l_2 mm	WKP25S	WKP35S	WSP45G	WSP45S	WXP40	WSP45G	WSP45S	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G	WSP45S
	LCGX050203-E77	4	5,2											😊	😊		
	LCMX050203-B57	4	5,2	😊	😐	😠	😠	😠	😠	😠	😠	😐	😐			😠	😠
	LCMX050203-D57	4	5,2	😊	😐	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	LCMX050203-E57	4	5,2	😊	😐	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	LCGX06T204-E77	5,2	6,6											😊	😊		
	LCMX06T204-B57	5,2	6,6	😊	😐	😠	😠	😠	😠	😠	😠	😐	😐			😠	😠
	LCMX06T204-D57	5,2	6,6	😊	😐	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠
	LCMX06T204-E57	5,2	6,6	😊	😐	😠	😠	😠	😠	😠	😠	😐	😠			😠	😠

HC = Coated carbide
HW = Uncoated carbide

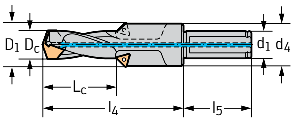
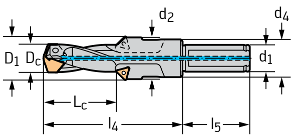
Exchangeable-tip drills

D4240 mm

Dc 12–29,99 | 2,5×Dc | 90° | 140° | Z=2



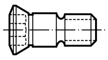
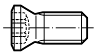
	P	M	K	N	S	H	O
D4240	●●	●●	●●	●●	●●		

Tool	Designation	D_c mm	D_1 mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Type
 Cylindrical shank with flat	D4240-02-12.00F20-A	12	23,7	36,5	69,28	50	20	30	0,22	1 2	A	P600 . -D12, .. TC .. 110208
	D4240-02-14.00F20-B	14	25,7	40,6	76	50	20	30	0,26	1 2	B	P600 . -D14, .. TC .. 110208
	D4240-02-15.00F20-B	15	26,7	47,8	81,09	50	20	30	0,25	1 2	B	P600 . -D15, .. TC .. 110208
	D4240-02-17.00F20-C	17	28,7	48,2	87,64	50	20	30	0,3	1 2	C	P600 . -D17, .. TC .. 110208
	D4240-02-19.00F20-D	19	30,7	53,4	96,91	50	20	30	0,34	1 2	D	P600 . -D19, .. TC .. 110208
 Cylindrical shank with flat	D4240-02-21.00F20-E	21	32,7	54,6	103,27	50	20	30	0,37	1 2	E	P600 . -D21, .. TC .. 110208
	D4240-02-24.00F25-G	24	43,4	61,7	117,36	56	25	35	0,63	1 2	G	P600 . -D24, .. TC .. 16T3 ..
	D4240-02-26.00F25-H	26	45,4	67,3	125,55	56	25	35	0,68	1 2	H	P600 . -D26, .. TC .. 16T3 ..
	D4240-02-29.00F32-J	29	48,4	69,2	134,9	60	32	42	1,08	1 2	J	P600 . -D29, .. TC .. 16T3 ..

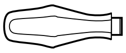
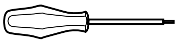
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

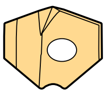
Assembly parts

	Dc [mm]	12	14–15	17	19	21	24	26	29
	Clamping screw for P600. drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm
	Clamping screw for TC.. chamfer insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm

Accessories

	Dc [mm]	12	14–17	19	21–24	26–29
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

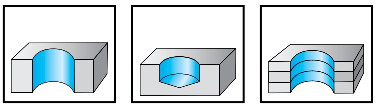
	Designation	Dc mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6001-D..	12–29,8			😐				
	P6003-D..	12–29,8	😠			😐			😐
	P6004-D..	12–29,5						😐	
	P6005-D..	12–29,8					😠		
	P6006-D..	12–29,8		🙂					

HC = Coated carbide

Exchangeable-tip drills

D4140 mm

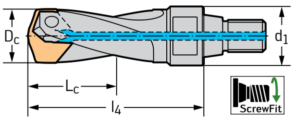
D_c 12–25,99 | 1,3×D_c | 140° | Z=2



	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●●		

B1

Tool



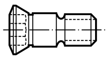
ScrewFit

Designation	D_c mm	L_c mm	l_4 mm	d_1	Z	kg	No. of inserts	Seat size	Version
D4140-01-12.00T14-A	12	18	47,6	T14	2	0,05	1	A	P600 . -D12, ..
D4140-01-13.00T14-A	13	19	49,9	T14	2	0,05	1	A	P600 . -D13, ..
D4140-01-14.00T14-B	14	21	52,2	T14	2	0,06	1	B	P600 . -D14, ..
D4140-01-15.00T18-B	15	22	54,5	T18	2	0,08	1	B	P600 . -D15, ..
D4140-01-16.00T18-C	16	24	56,8	T18	2	0,08	1	C	P600 . -D16, ..
D4140-01-17.00T18-C	17	25	59,1	T18	2	0,09	1	C	P600 . -D17, ..
D4140-01-18.00T18-D	18	27	61,4	T18	2	0,1	1	D	P600 . -D18, ..
D4140-01-19.00T22-D	19	28	63,7	T22	2	0,12	1	D	P600 . -D19, ..
D4140-01-20.00T22-E	20	30	66	T22	2	0,13	1	E	P600 . -D20, ..
D4140-01-21.00T22-E	21	31	68,3	T22	2	0,14	1	E	P600 . -D21, ..
D4140-01-22.00T22-F	22	33	71,6	T22	2	0,16	1	F	P600 . -D22, ..
D4140-01-23.00T28-F	23	34	73,9	T28	2	0,23	1	F	P600 . -D23, ..
D4140-01-24.00T28-G	24	36	76,2	T28	2	0,24	1	G	P600 . -D24, ..
D4140-01-25.00T28-G	25	37	78,5	T28	2	0,25	1	G	P600 . -D25, ..

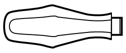
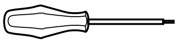
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

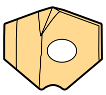
Assembly parts

	Dc [mm]	12–13	14–15	16–17	18–19	20–21	22–23	24–25
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm

Accessories

	Dc [mm]	12–13	14–17	18–19	20–25
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)

Interchangeable inserts

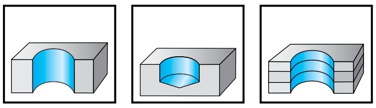
			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–25,8			Good				
	P6003-D..	12–25,8	Moderate			Good			Good
	P6004-D..	12–25,5						Good	
	P6005-D..	12–25,8					Moderate		
	P6006-D..	12–25,8		Very good					

HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Exchangeable-tip drills

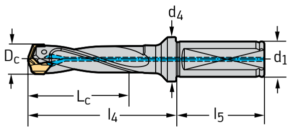
D4140 mm



3×D_c | 140° | Z=2

	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●●		

Tool



Cylindrical shank with flat

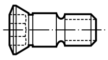
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-03-12.00F16-A	12	36	68	48	16	20	0,13	1	A	P600 . -D12, ..
D4140-03-13.00F16-A	13	41	72	48	16	20	0,15	1	A	P600 . -D13, ..
D4140-03-14.00F16-B	14	45	76	48	16	20	0,14	1	B	P600 . -D14, ..
D4140-03-15.00F16-B	15	48	80	48	16	20	0,15	1	B	P600 . -D15, ..
D4140-03-16.00F20-C	16	51	84	50	20	25	0,23	1	C	P600 . -D16, ..
D4140-03-17.00F20-C	17	54	88	50	20	25	0,24	1	C	P600 . -D17, ..
D4140-03-18.00F20-D	18	57	92	50	20	25	0,25	1	D	P600 . -D18, ..
D4140-03-19.00F20-D	19	61	96	50	20	25	0,26	1	D	P600 . -D19, ..
D4140-03-20.00F20-E	20	64	100	50	20	25	0,28	1	E	P600 . -D20, ..
D4140-03-21.00F20-E	21	67	104	50	20	25	0,29	1	E	P600 . -D21, ..
D4140-03-22.00F25-F	22	70	109	56	25	32	0,44	1	F	P600 . -D22, ..
D4140-03-23.00F25-F	23	73	113	56	25	32	0,46	1	F	P600 . -D23, ..
D4140-03-24.00F25-G	24	76	117	56	25	32	0,48	1	G	P600 . -D24, ..
D4140-03-25.00F25-G	25	80	121	56	25	32	0,5	1	G	P600 . -D25, ..
D4140-03-26.00F25-H	26	83	125	56	25	32	0,52	1	H	P600 . -D26, ..
D4140-03-27.00F25-H	27	86	129	56	25	32	0,53	1	H	P600 . -D27, ..
D4140-03-28.00F32-J	28	89	134	60	32	40	0,8	1	J	P600 . -D28, ..
D4140-03-29.00F32-J	29	92	138	60	32	40	0,86	1	J	P600 . -D29, ..
D4140-03-30.00F32-K	30	95	142	60	32	40	0,89	1	K	P600 . -D30, ..
D4140-03-31.00F32-K	31	99	146	60	32	40	0,92	1	K	P600 . -D31, ..
D4140-03-32.00F40-M	32	102	150	70	40	50	1,31	1	M	P600 . -D32, ..
D4140-03-33.00F40-M	33	105	154	70	40	50	1,38	1	M	P600 . -D33, ..
D4140-03-34.00F40-N	34	108	158	70	40	50	1,37	1	N	P600 . -D34, ..
D4140-03-35.00F40-N	35	111	162	70	40	50	1,43	1	N	P600 . -D35, ..
D4140-03-36.00F40-P	36	115	166	70	40	50	1,46	1	P	P600 . -D36, ..
D4140-03-37.00F40-P	37	118	170	70	40	50	1,54	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

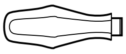
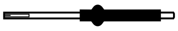
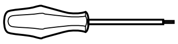
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

B1

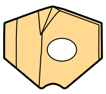
Assembly parts

		D_c [mm]	12–13	14–15	16–17	18–19	20–21	22–23	24–25	26–27	28–33	34–37
	Clamping screw for drill insert Tightening torque		FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

		D_c [mm]	12–13	14–17	18–19	20–25	26–37
	Torque T-handle						FS2041
	Torque screwdriver, analogue		FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade		FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver		FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–38			Good				
	P6003-D..	12–38	Moderate			Good			Good
	P6004-D..	12–31,5						Good	
	P6005-D..	12–38					Moderate		
	P6006-D..	12–38		Very good					

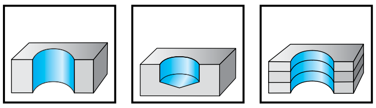
HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☻

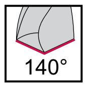
Exchangeable-tip drills

D4140 mm

B1



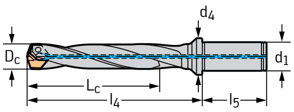
5×D_c



Z=2

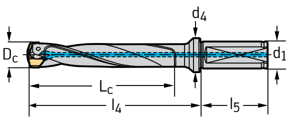
	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●		

Tool



Cylindrical shank with collar

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-05-12.00A16-A	12	62	92	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-05-13.00A16-A	13	67	98	48	16	20	0,16	1	A	P600 . -D13, ..
D4140-05-14.00A16-B	14	73	104	48	16	20	0,17	1	B	P600 . -D14, ..
D4140-05-15.00A16-B	15	78	110	48	16	20	0,16	1	B	P600 . -D15, ..
D4140-05-16.00A20-C	16	83	116	50	20	25	0,26	1	C	P600 . -D16, ..
D4140-05-17.00A20-C	17	88	122	50	20	25	0,26	1	C	P600 . -D17, ..
D4140-05-18.00A20-D	18	93	128	50	20	25	0,3	1	D	P600 . -D18, ..
D4140-05-19.00A20-D	19	98	134	50	20	25	0,29	1	D	P600 . -D19, ..
D4140-05-20.00A20-E	20	104	140	50	20	25	0,34	1	E	P600 . -D20, ..
D4140-05-21.00A20-E	21	109	146	50	20	25	0,38	1	E	P600 . -D21, ..
D4140-05-22.00A25-F	22	114	153	56	25	32	0,53	1	F	P600 . -D22, ..
D4140-05-23.00A25-F	23	119	159	56	25	32	0,56	1	F	P600 . -D23, ..
D4140-05-24.00A25-G	24	124	165	56	25	32	0,59	1	G	P600 . -D24, ..
D4140-05-25.00A25-G	25	130	171	56	25	32	0,62	1	G	P600 . -D25, ..
D4140-05-26.00A25-H	26	135	177	56	25	32	0,6	1	H	P600 . -D26, ..
D4140-05-27.00A25-H	27	140	183	56	25	32	0,7	1	H	P600 . -D27, ..
D4140-05-28.00A32-J	28	145	190	60	32	40	0,8	1	J	P600 . -D28, ..
D4140-05-29.00A32-J	29	150	196	60	32	40	1	1	J	P600 . -D29, ..
D4140-05-30.00A32-K	30	155	202	60	32	40	1	1	K	P600 . -D30, ..
D4140-05-31.00A32-K	31	161	208	60	32	40	1,14	1	K	P600 . -D31, ..



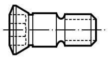
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-05-12.00F16-A	12	62	92	48	16	20	0,14	1	A	P600 . -D12, ..
D4140-05-13.00F16-A	13	67	98	48	16	20	0,15	1	A	P600 . -D13, ..
D4140-05-14.00F16-B	14	73	104	48	16	20	0,17	1	B	P600 . -D14, ..
D4140-05-15.00F16-B	15	78	110	48	16	20	0,18	1	B	P600 . -D15, ..
D4140-05-16.00F20-C	16	83	116	50	20	25	0,26	1	C	P600 . -D16, ..
D4140-05-17.00F20-C	17	88	122	50	20	25	0,28	1	C	P600 . -D17, ..
D4140-05-18.00F20-D	18	93	128	50	20	25	0,29	1	D	P600 . -D18, ..
D4140-05-19.00F20-D	19	98	134	50	20	25	0,31	1	D	P600 . -D19, ..
D4140-05-20.00F20-E	20	104	140	50	20	25	0,3	1	E	P600 . -D20, ..
D4140-05-21.00F20-E	21	109	146	50	20	25	0,37	1	E	P600 . -D21, ..
D4140-05-22.00F25-F	22	114	153	56	25	32	0,53	1	F	P600 . -D22, ..
D4140-05-23.00F25-F	23	119	159	56	25	32	0,56	1	F	P600 . -D23, ..
D4140-05-24.00F25-G	24	124	165	56	25	32	0,59	1	G	P600 . -D24, ..
D4140-05-25.00F25-G	25	130	171	56	25	32	0,62	1	G	P600 . -D25, ..
D4140-05-26.00F25-H	26	135	177	56	25	32	0,65	1	H	P600 . -D26, ..

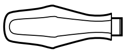
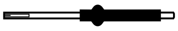
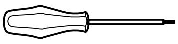
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT **Stability of machine, workpiece and clamping arrangement** → Very good = → Good = → Moderate =

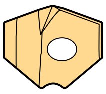
Assembly parts

		D_c [mm]	12–13	14–15	16–17	18–19	20–21	22–23	24–25	26–27	28–33	34–37
	Clamping screw for drill insert Tightening torque		FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

		D_c [mm]	12–13	14–17	18–19	20–25	26–37
	Torque T-handle						FS2041
	Torque screwdriver, analogue		FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade		FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver		FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–38			😐				
	P6003-D..	12–38	☹			😐			😐
	P6004-D..	12–31,5						😐	
	P6005-D..	12–38					☹		
	P6006-D..	12–38		☺					

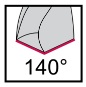
HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Exchangeable-tip drills

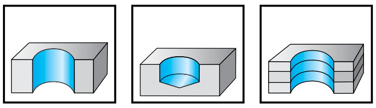
D4140 mm

5×D_c



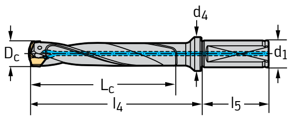
Z=2

B1



	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●		

Tool



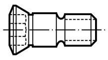
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-05-27.00F25-H	27	140	183	56	25	32	0,69	1	H	P600 . -D27, ..
D4140-05-28.00F32-J	28	145	190	60	32	40	0,97	1	J	P600 . -D28, ..
D4140-05-29.00F32-J	29	150	196	60	32	40	1	1	J	P600 . -D29, ..
D4140-05-30.00F32-K	30	155	202	60	32	40	1,05	1	K	P600 . -D30, ..
D4140-05-31.00F32-K	31	161	208	60	32	40	1,12	1	K	P600 . -D31, ..
D4140-05-32.00F40-M	32	166	214	70	40	50	1,51	1	M	P600 . -D32, ..
D4140-05-33.00F40-M	33	171	220	70	40	50	1,56	1	M	P600 . -D33, ..
D4140-05-34.00F40-N	34	176	226	70	40	50	1,61	1	N	P600 . -D34, ..
D4140-05-35.00F40-N	35	181	232	70	40	50	1,66	1	N	P600 . -D35, ..
D4140-05-36.00F40-P	36	187	238	70	40	50	1,72	1	P	P600 . -D36, ..
D4140-05-37.00F40-P	37	192	244	70	40	50	1,78	1	P	P600 . -D37, ..

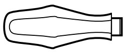
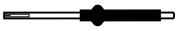
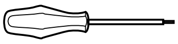
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

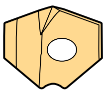
Assembly parts

	D_c [mm]	12–13	14–15	16–17	18–19	20–21	22–23	24–25	26–27	28–33	34–37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D_c [mm]	12–13	14–17	18–19	20–25	26–37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–38			Good				
	P6003-D..	12–38	Moderate			Good			Good
	P6004-D..	12–31,5						Good	
	P6005-D..	12–38					Moderate		
	P6006-D..	12–38		Very good					

HC = Coated carbide

B1

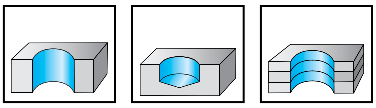
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Exchangeable-tip drills

D4140 mm

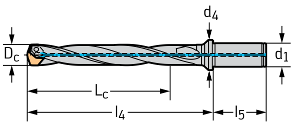
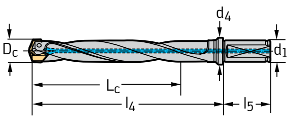
7×D_c | 140° | Z=2

B1



	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

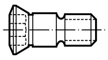
Tool

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
 Cylindrical shank with collar	D4140-07-12.00A16-A	12	86	116	48	16	20	0,17	1	A	P600 . -D12, ..
	D4140-07-13.00A16-A	13	93	124	48	16	20	0,18	1	A	P600 . -D13, ..
	D4140-07-14.00A16-B	14	101	132	48	16	20	0,2	1	B	P600 . -D14, ..
	D4140-07-15.00A16-B	15	108	140	48	16	20	0,23	1	B	P600 . -D15, ..
	D4140-07-16.00A20-C	16	115	148	50	20	25	0,31	1	C	P600 . -D16, ..
	D4140-07-17.00A20-C	17	122	156	50	20	25	0,33	1	C	P600 . -D17, ..
	D4140-07-18.00A20-D	18	133	164	50	20	25	0,35	1	D	P600 . -D18, ..
	D4140-07-19.00A20-D	19	136	172	50	20	25	0,37	1	D	P600 . -D19, ..
	D4140-07-20.00A20-E	20	144	180	50	20	25	0,4	1	E	P600 . -D20, ..
	D4140-07-21.00A20-E	21	151	188	50	20	25	0,43	1	E	P600 . -D21, ..
	D4140-07-22.00A25-F	22	158	197	56	25	32	0,61	1	F	P600 . -D22, ..
	D4140-07-23.00A25-F	23	165	205	56	25	32	0,65	1	F	P600 . -D23, ..
	D4140-07-24.00A25-G	24	172	213	56	25	32	0,69	1	G	P600 . -D24, ..
	D4140-07-25.00A25-G	25	180	221	56	25	32	0,76	1	G	P600 . -D25, ..
	D4140-07-26.00A25-H	26	187	229	56	25	32	0,8	1	H	P600 . -D26, ..
	D4140-07-27.00A25-H	27	194	237	56	25	32	0,85	1	H	P600 . -D27, ..
	D4140-07-28.00A32-J	28	201	246	60	32	40	1,04	1	J	P600 . -D28, ..
	D4140-07-29.00A32-J	29	208	254	60	32	40	1	1	J	P600 . -D29, ..
	D4140-07-30.00A32-K	30	215	262	60	32	40	1,24	1	K	P600 . -D30, ..
	D4140-07-31.00A32-K	31	223	270	60	32	40	1,3	1	K	P600 . -D31, ..
 Cylindrical shank with flat	D4140-07-12.00F16-A	12	86	116	48	16	20	0,16	1	A	P600 . -D12, ..
	D4140-07-13.00F16-A	13	93	124	48	16	20	0,17	1	A	P600 . -D13, ..
	D4140-07-14.00F16-B	14	101	132	48	16	20	0,19	1	B	P600 . -D14, ..
	D4140-07-15.00F16-B	15	108	140	48	16	20	0,2	1	B	P600 . -D15, ..
	D4140-07-16.00F20-C	16	115	148	50	20	25	0,3	1	C	P600 . -D16, ..
	D4140-07-17.00F20-C	17	122	156	50	20	25	0,32	1	C	P600 . -D17, ..
	D4140-07-18.00F20-D	18	126	164	50	20	25	0,34	1	D	P600 . -D18, ..
	D4140-07-19.00F20-D	19	136	172	50	20	25	0,37	1	D	P600 . -D19, ..
	D4140-07-20.00F20-E	20	144	180	50	20	25	0,39	1	E	P600 . -D20, ..
	D4140-07-21.00F20-E	21	151	188	50	20	25	0,43	1	E	P600 . -D21, ..
	D4140-07-22.00F25-F	22	158	197	56	25	32	0,6	1	F	P600 . -D22, ..
	D4140-07-23.00F25-F	23	165	205	56	25	32	0,63	1	F	P600 . -D23, ..
	D4140-07-24.00F25-G	24	172	213	56	25	32	0,68	1	G	P600 . -D24, ..
	D4140-07-25.00F25-G	25	180	221	56	25	32	0,71	1	G	P600 . -D25, ..
	D4140-07-26.00F25-H	26	187	229	56	25	32	0,8	1	H	P600 . -D26, ..

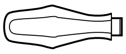
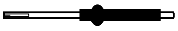
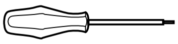
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

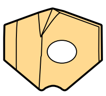
Assembly parts

	D$_c$ [mm]	12–13	14–15	16–17	18–19	20–21	22–23	24–25	26–27	28–33	34–37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D$_c$ [mm]	12–13	14–17	18–19	20–25	26–37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	D$_c$ mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–38			😐				
	P6003-D..	12–38	☹			😐			😐
	P6004-D..	12–31,5						😐	
	P6005-D..	12–38					☹		
	P6006-D..	12–38		🙂					

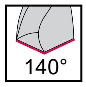
HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 🙂 → Good = 😐 → Moderate = ☹

Exchangeable-tip drills

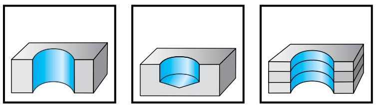
D4140 mm

7×D_c



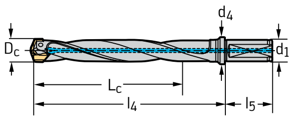
Z=2

B1



	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

Tool



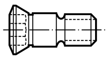
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-07-27.00F25-H	27	194	237	56	25	32	0,82	1	H	P600 . -D27, ..
D4140-07-28.00F32-J	28	201	246	60	32	40	1	1	J	P600 . -D28, ..
D4140-07-29.00F32-J	29	208	254	60	32	40	1,14	1	J	P600 . -D29, ..
D4140-07-30.00F32-K	30	215	262	60	32	40	1,24	1	K	P600 . -D30, ..
D4140-07-31.00F32-K	31	223	270	60	32	40	1,3	1	K	P600 . -D31, ..
D4140-07-32.00F40-M	32	230	278	70	40	50	1,8	1	M	P600 . -D32, ..
D4140-07-33.00F40-M	33	237	286	70	40	50	1,86	1	M	P600 . -D33, ..
D4140-07-34.00F40-N	34	244	294	70	40	50	1,94	1	N	P600 . -D34, ..
D4140-07-35.00F40-N	35	251	302	70	40	50	2,06	1	N	P600 . -D35, ..
D4140-07-36.00F40-P	36	259	310	70	40	50	2,09	1	P	P600 . -D36, ..
D4140-07-37.00F40-P	37	266	318	70	40	50	2,21	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

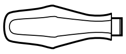
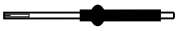
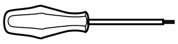
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

Assembly parts



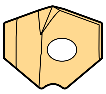
	D_c [mm]	12–13	14–15	16–17	18–19	20–21	22–23	24–25	26–27	28–33	34–37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

D_c [mm]	12–13	14–17	18–19	20–25	26–37
Torque T-handle					FS2041
Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts



		P			M	K	N	S
		HC			HC	HC	HC	HC
Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
P6001-D..	12–38			Good				
P6003-D..	12–38	Moderate			Good			Good
P6004-D..	12–31,5						Good	
P6005-D..	12–38					Moderate		
P6006-D..	12–38		Very good					

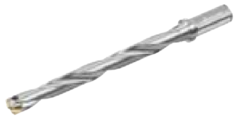
HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

B1

Exchangeable-tip drills

D4140 mm

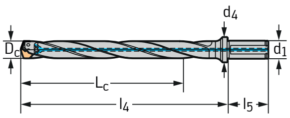


– P6006 – Can be used without pilot drilling up to 10 × D_c

10×D_c | 140° | Z=2

	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

Tool



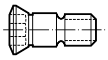
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-10-12.00F16-A	12	120	152	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-10-13.00F16-A	13	130	163	48	16	20	0,18	1	A	P600 . -D13, ..
D4140-10-14.00F16-B	14	140	174	48	16	20	0,2	1	B	P600 . -D14, ..
D4140-10-15.00F16-B	15	150	185	48	16	20	0,22	1	B	P600 . -D15, ..
D4140-10-16.00F20-C	16	160	196	50	20	25	0,31	1	C	P600 . -D16, ..
D4140-10-17.00F20-C	17	170	207	50	20	25	0,34	1	C	P600 . -D17, ..
D4140-10-18.00F20-D	18	180	218	50	20	25	0,4	1	D	P600 . -D18, ..
D4140-10-19.00F20-D	19	190	229	50	20	25	0,4	1	D	P600 . -D19, ..
D4140-10-20.00F20-E	20	200	240	50	20	25	0,48	1	E	P600 . -D20, ..
D4140-10-21.00F20-E	21	210	251	50	20	25	0,49	1	E	P600 . -D21, ..
D4140-10-22.00F25-F	22	220	263	56	25	32	0,71	1	F	P600 . -D22, ..
D4140-10-23.00F25-F	23	230	273	56	25	32	0,75	1	F	P600 . -D23, ..
D4140-10-24.00F25-G	24	240	285	56	25	32	0,82	1	G	P600 . -D24, ..
D4140-10-25.00F25-G	25	250	296	56	25	32	0,87	1	G	P600 . -D25, ..

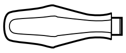
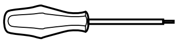
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

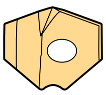
Assembly parts

	Dc [mm]	12–13	14–15	16–17	18–19	20–21	22–23	24–25
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm

Accessories

	Dc [mm]	12–13	14–17	18	19	20–24	21–25
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	FS2003	FS2003
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)

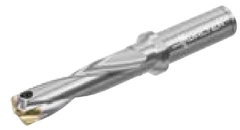
Interchangeable inserts

			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–25,8			😐				
	P6003-D..	12–25,8	☹			😐			😐
	P6004-D..	12–25,5						😐	
	P6005-D..	12–25,8					☹		
	P6006-D..	12–25,8		☺					

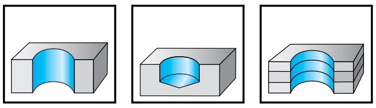
HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

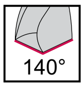
Exchangeable-tip drills
D4140 inch



B1



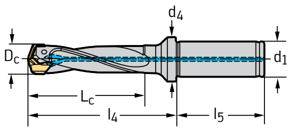
$3 \times D_c$



Z=2

	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●●		

Tool



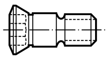
Cylindrical shank with collar

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Seat size	Version
D4140.03-12.00A15-A	0,472	1,496	2,677	1,890	0,625	0,787	0,005	1	A	P600 . -D12, ..
D4140.03-13.00A15-A	0,512	1,614	2,834	1,890	0,625	0,787	0,006	1	A	P600 . -D13, ..
D4140.03-14.00A15-B	0,551	1,772	2,992	1,890	0,625	0,787	0,006	1	B	P600 . -D14, ..
D4140.03-15.00A15-B	0,591	1,890	3,150	1,890	0,625	0,787	0,006	1	B	P600 . -D15, ..
D4140.03-16.00A19-C	0,630	2,008	3,307	2,031	0,750	0,984	0,009	1	C	P600 . -D16, ..
D4140.03-17.00A19-C	0,669	2,126	3,465	2,031	0,750	0,984	0,010	1	C	P600 . -D17, ..
D4140.03-18.00A19-D	0,709	2,244	3,622	2,031	0,750	0,984	0,010	1	D	P600 . -D18, ..
D4140.03-19.00A19-D	0,748	2,362	3,779	2,031	0,750	0,984	0,01	1	D	P600 . -D19, ..
D4140.03-20.00A19-E	0,787	2,48	3,937	2,031	0,750	0,984	0,011	1	E	P600 . -D20, ..
D4140.03-21.00A19-E	0,827	2,598	4,095	2,031	0,750	0,984	0,011	1	E	P600 . -D21, ..
D4140.03-22.00A26-F	0,866	2,756	4,291	2,281	1,000	1,260	0,018	1	F	P600 . -D22, ..
D4140.03-24.00A26-G	0,945	2,992	4,606	2,281	1,000	1,260	0,022	1	G	P600 . -D24, ..
D4140.03-26.00A26-H	1,024	3,268	4,921	2,281	1,000	1,260	0,022	1	H	P600 . -D26, ..
D4140.03-28.00A31-J	1,102	3,504	5,275	2,281	1,250	1,575	0,032	1	J	P600 . -D28, ..
D4140.03-30.00A31-K	1,181	3,74	5,591	2,281	1,250	1,575	0,035	1	K	P600 . -D30, ..

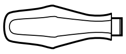
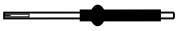
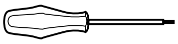
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

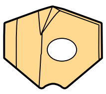
Assembly parts

	Dc [inch]	0,47–0,51	0,55–0,59	0,63–0,67	0,71–0,75	0,79–0,83	0,87	0,94	1,02	1,1–1,18
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm

Accessories

	Dc [inch]	0,47–0,51	0,55–0,67	0,71–0,75	0,79–0,94	1,02–1,18
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

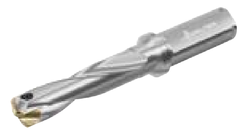
			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	Dc mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–30,5			😐				
	P6003-D..	12–30,5	😠			😐			😐
	P6004-D..	12–30,5						😐	
	P6005-D..	12–30,5					😠		
	P6006-D..	12–30,5		😊					

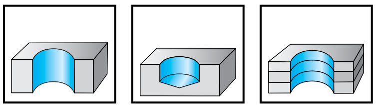
HC = Coated carbide

B1

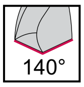
Exchangeable-tip drills

D4140 inch





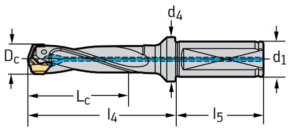
3×D_c



Z=2

	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●●		

Tool



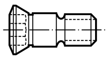
Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	 lbs	No. of inserts	Seat size	Version
D4140.03-12.00F15-A	0,472	1,496	2,677	1,890	0,625	0,787	0,006	1	A	P600 . -D12, ..
D4140.03-13.00F15-A	0,512	1,614	2,835	1,890	0,625	0,787	0,006	1	A	P600 . -D13, ..
D4140.03-14.00F15-B	0,551	1,772	2,992	1,890	0,625	0,787	0,006	1	B	P600 . -D14, ..
D4140.03-15.00F15-B	0,591	1,890	3,150	1,890	0,625	0,787	0,006	1	B	P600 . -D15, ..
D4140.03-16.00F19-C	0,630	2,008	3,307	2,031	0,750	0,984	0,009	1	C	P600 . -D16, ..
D4140.03-17.00F19-C	0,669	2,126	3,465	2,031	0,750	0,984	0,009	1	C	P600 . -D17, ..
D4140.03-18.00F19-D	0,709	2,244	3,622	2,031	0,750	0,984	0,010	1	D	P600 . -D18, ..
D4140.03-19.00F19-D	0,748	2,362	3,780	2,031	0,750	0,984	0,01	1	D	P600 . -D19, ..
D4140.03-20.00F19-E	0,787	2,520	3,937	2,031	0,750	0,984	0,011	1	E	P600 . -D20, ..
D4140.03-21.00F19-E	0,827	2,638	4,094	2,031	0,750	0,984	0,011	1	E	P600 . -D21, ..
D4140.03-22.00F26-F	0,866	2,756	4,291	2,281	1,000	1,260	0,018	1	F	P600 . -D22, ..
D4140.03-23.00F26-F	0,906	2,874	4,449	2,281	1,000	1,260	0,019	1	F	P600 . -D23, ..
D4140.03-24.00F26-G	0,945	2,992	4,606	2,281	1,000	1,260	0,019	1	G	P600 . -D24, ..
D4140.03-25.00F26-G	0,984	3,150	4,764	2,281	1,000	1,260	0,02	1	G	P600 . -D25, ..
D4140.03-26.00F26-H	1,024	3,268	4,921	2,281	1,000	1,260	0,021	1	H	P600 . -D26, ..
D4140.03-27.00F26-H	1,063	3,386	5,079	2,281	1,000	1,260	0,023	1	H	P600 . -D27, ..
D4140.03-28.00F31-J	1,102	3,504	5,275	2,281	1,250	1,575	0,03	1	J	P600 . -D28, ..
D4140.03-29.00F31-J	1,142	3,622	5,433	2,281	1,250	1,575	0,033	1	J	P600 . -D29, ..
D4140.03-30.00F31-K	1,181	3,74	5,591	2,281	1,250	1,575	0,034	1	K	P600 . -D30, ..
D4140.03-31.00F31-K	1,22	3,898	5,748	2,281	1,250	1,575	0,035	1	K	P600 . -D31, ..
D4140.03-32.00F31-M	1,260	4,016	5,906	2,281	1,250	1,575	0,036	1	M	P600 . -D32, ..
D4140.03-33.00F31-M	1,299	4,134	6,063	2,281	1,250	1,575	0,037	1	M	P600 . -D33, ..
D4140.03-34.00F38-N	1,339	4,252	6,22	2,688	1,500	1,969	0,05	1	N	P600 . -D34, ..
D4140.03-35.00F38-N	1,378	4,37	6,378	2,688	1,500	1,969	0,053	1	N	P600 . -D35, ..
D4140.03-36.00F38-P	1,417	4,528	6,535	2,688	1,500	1,969	0,053	1	P	P600 . -D36, ..
D4140.03-37.00F38-P	1,457	4,646	6,693	2,688	1,500	1,969	0,056	1	P	P600 . -D37, ..

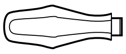
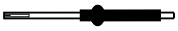
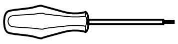
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

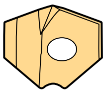
Assembly parts

	D_c [inch]	0,47–0,51	0,55–0,59	0,63–0,67	0,71–0,75	0,79–0,83	0,87–0,91	0,94–0,98	1,02–1,06	1,1–1,3	1,34–1,46
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D_c [inch]	0,47–0,51	0,55–0,67	0,71–0,75	0,79–0,98	1,02–1,46
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

			P HC			M HC	K HC	N HC	S HC
	Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–38			😐				
	P6003-D..	12–38	😠			😐			😐
	P6004-D..	12–31,5						😐	
	P6005-D..	12–38					😠		
	P6006-D..	12–38		😊					

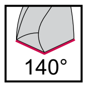
HC = Coated carbide

B1

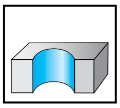
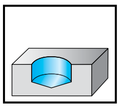
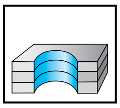
Exchangeable-tip drills

D4140 inch

5×D_c

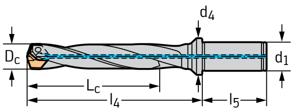


Z=2

	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●		

Tool



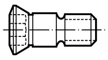
Cylindrical shank with collar

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Seat size	Version
D4140.05-12.00A15-A	0,472	2,441	3,622	1,890	0,625	0,787	0,006	1	A	P600 . -D12, ..
D4140.05-13.00A15-A	0,512	2,638	3,858	1,890	0,625	0,787	0,007	1	A	P600 . -D13, ..
D4140.05-14.00A15-B	0,551	2,874	4,094	1,890	0,625	0,787	0,007	1	B	P600 . -D14, ..
D4140.05-15.00A15-B	0,591	3,071	4,331	1,890	0,625	0,787	0,007	1	B	P600 . -D15, ..
D4140.05-16.00A19-C	0,630	3,268	4,567	2,031	0,750	0,984	0,010	1	C	P600 . -D16, ..
D4140.05-17.00A19-C	0,669	3,465	4,803	2,031	0,750	0,984	0,01	1	C	P600 . -D17, ..
D4140.05-18.00A19-D	0,709	3,661	5,039	2,031	0,750	0,984	0,011	1	D	P600 . -D18, ..
D4140.05-19.00A19-D	0,748	3,858	5,276	2,031	0,750	0,984	0,013	1	D	P600 . -D19, ..
D4140.05-20.00A19-E	0,787	4,094	5,512	2,031	0,750	0,984	0,014	1	E	P600 . -D20, ..
D4140.05-21.00A19-E	0,827	4,291	5,748	2,031	0,750	0,984	0,015	1	E	P600 . -D21, ..
D4140.05-22.00A26-F	0,866	4,488	6,024	2,281	1,000	1,260	0,021	1	F	P600 . -D22, ..
D4140.05-24.00A26-G	0,945	4,882	6,496	2,281	1,000	1,260	0,024	1	G	P600 . -D24, ..
D4140.05-26.00A26-H	1,024	5,315	6,969	2,281	1,000	1,260	0,027	1	H	P600 . -D26, ..
D4140.05-28.00A31-J	1,102	5,709	7,48	2,281	1,250	1,575	0,035	1	J	P600 . -D28, ..
D4140.05-30.00A31-K	1,181	6,102	7,953	2,281	1,250	1,575	0,041	1	K	P600 . -D30, ..

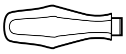
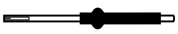
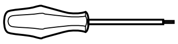
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

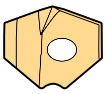
Assembly parts

	D_c [inch]	0,47–0,51	0,55–0,59	0,63–0,67	0,71–0,75	0,79–0,83	0,87	0,94	1,02	1,1–1,18
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm

Accessories

	D_c [inch]	0,47–0,51	0,55–0,67	0,71–0,75	0,79–0,94	1,02–1,18
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

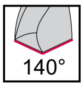
			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–30,5			😐				
	P6003-D..	12–30,5	☹			😐			😐
	P6004-D..	12–30,5						😐	
	P6005-D..	12–30,5					☹		
	P6006-D..	12–30,5		☺					

HC = Coated carbide

Exchangeable-tip drills

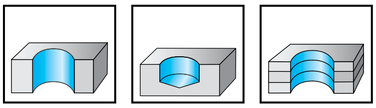
D4140 inch

5×D_c



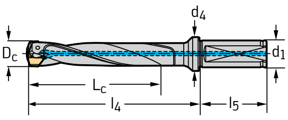
Z=2

B1



	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●		

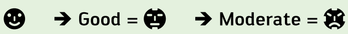
Tool



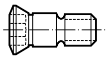
Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Seat size	Version
D4140.05-12.00F15-A	0,472	2,441	3,622	1,890	0,625	0,787	0,006	1	A	P600 . -D12, ..
D4140.05-13.00F15-A	0,512	2,638	3,858	1,890	0,625	0,787	0,006	1	A	P600 . -D13, ..
D4140.05-14.00F15-B	0,551	2,874	4,094	1,890	0,625	0,787	0,007	1	B	P600 . -D14, ..
D4140.05-15.00F15-B	0,591	3,071	4,331	1,890	0,625	0,787	0,007	1	B	P600 . -D15, ..
D4140.05-16.00F19-C	0,630	3,268	4,567	2,031	0,750	0,984	0,010	1	C	P600 . -D16, ..
D4140.05-17.00F19-C	0,669	3,465	4,803	2,031	0,750	0,984	0,011	1	C	P600 . -D17, ..
D4140.05-18.00F19-D	0,709	3,661	5,039	2,031	0,750	0,984	0,011	1	D	P600 . -D18, ..
D4140.05-19.00F19-D	0,748	3,858	5,276	2,031	0,750	0,984	0,012	1	D	P600 . -D19, ..
D4140.05-20.00F19-E	0,787	4,094	5,512	2,031	0,750	0,984	0,013	1	E	P600 . -D20, ..
D4140.05-21.00F19-E	0,827	4,291	5,748	2,031	0,750	0,984	0,014	1	E	P600 . -D21, ..
D4140.05-22.00F26-F	0,866	4,488	6,024	2,281	1,000	1,260	0,021	1	F	P600 . -D22, ..
D4140.05-23.00F26-F	0,906	4,685	6,260	2,281	1,000	1,260	0,023	1	F	P600 . -D23, ..
D4140.05-24.00F26-G	0,945	4,882	6,496	2,281	1,000	1,260	0,024	1	G	P600 . -D24, ..
D4140.05-25.00F26-G	0,984	5,118	6,732	2,281	1,000	1,260	0,025	1	G	P600 . -D25, ..
D4140.05-26.00F26-H	1,024	5,315	6,969	2,281	1,000	1,260	0,026	1	H	P600 . -D26, ..
D4140.05-27.00F26-H	1,063	5,512	7,205	2,281	1,000	1,260	0,027	1	H	P600 . -D27, ..
D4140.05-28.00F31-J	1,102	5,709	7,48	2,281	1,250	1,575	0,037	1	J	P600 . -D28, ..
D4140.05-29.00F31-J	1,142	5,906	7,716	2,281	1,250	1,575	0,039	1	J	P600 . -D29, ..
D4140.05-30.00F31-K	1,181	6,339	7,953	2,281	1,250	1,575	0,041	1	K	P600 . -D30, ..
D4140.05-31.00F31-K	1,22	6,339	8,189	2,281	1,250	1,575	0,043	1	K	P600 . -D31, ..
D4140.05-32.00F31-M	1,260	6,535	8,425	2,281	1,250	1,575	0,043	1	M	P600 . -D32, ..
D4140.05-33.00F31-M	1,299	6,732	8,661	2,281	1,250	1,575	0,046	1	M	P600 . -D33, ..
D4140.05-34.00F38-N	1,339	6,929	8,898	2,688	1,500	1,969	0,059	1	N	P600 . -D34, ..
D4140.05-35.00F38-N	1,378	7,126	9,134	2,688	1,500	1,969	0,061	1	N	P600 . -D35, ..
D4140.05-36.00F38-P	1,417	7,362	9,37	2,688	1,500	1,969	0,064	1	P	P600 . -D36, ..
D4140.05-37.00F38-P	1,457	7,559	9,606	2,688	1,500	1,969	0,066	1	P	P600 . -D37, ..

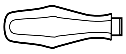
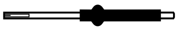
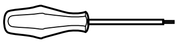
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good =  → Good = → Moderate =

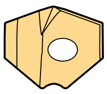
Assembly parts

	D_c [inch]	0,47–0,51	0,55–0,59	0,63–0,67	0,71–0,75	0,79–0,83	0,87–0,91	0,94–0,98	1,02–1,06	1,1–1,3	1,34–1,46
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D_c [inch]	0,47–0,51	0,55–0,67	0,71–0,75	0,79–0,98	1,02–1,46
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	D_c mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–38			😐				
	P6003-D..	12–38	☹			😐			😐
	P6004-D..	12–31,5						😐	
	P6005-D..	12–38					☹		
	P6006-D..	12–38		☺					

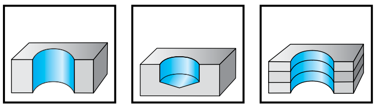
HC = Coated carbide

Exchangeable-tip drills

D4140 inch

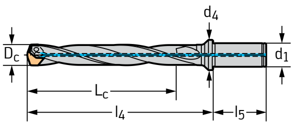
7×D_c | 140° | Z=2

B1



	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

Tool



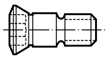
Cylindrical shank with collar

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Seat size	Version
D4140.07-12.00A15-A	0,472	3,386	4,567	1,890	0,625	0,787	0,007	1	A	P600 . -D12, ..
D4140.07-13.00A15-A	0,512	3,661	4,882	1,890	0,625	0,787	0,007	1	A	P600 . -D13, ..
D4140.07-14.00A15-B	0,551	3,976	5,197	1,890	0,625	0,787	0,007	1	B	P600 . -D14, ..
D4140.07-15.00A15-B	0,591	4,252	5,512	1,890	0,625	0,787	0,008	1	B	P600 . -D15, ..
D4140.07-16.00A19-C	0,630	4,528	5,827	2,031	0,750	0,984	0,012	1	C	P600 . -D16, ..
D4140.07-17.00A19-C	0,669	4,803	6,142	2,031	0,750	0,984	0,013	1	C	P600 . -D17, ..
D4140.07-18.00A19-D	0,709	5,079	6,457	2,031	0,750	0,984	0,013	1	D	P600 . -D18, ..
D4140.07-19.00A19-D	0,748	5,354	6,772	2,031	0,750	0,984	0,014	1	D	P600 . -D19, ..
D4140.07-20.00A19-E	0,787	5,669	7,087	2,031	0,750	0,984	0,016	1	E	P600 . -D20, ..
D4140.07-21.00A19-E	0,827	5,945	7,402	2,031	0,750	0,984	0,017	1	E	P600 . -D21, ..
D4140.07-22.00A26-F	0,866	6,22	7,756	2,281	1,000	1,260	0,024	1	F	P600 . -D22, ..
D4140.07-24.00A26-G	0,945	6,772	8,386	2,281	1,000	1,260	0,028	1	G	P600 . -D24, ..
D4140.07-26.00A26-H	1,024	7,362	9,016	2,281	1,000	1,260	0,031	1	H	P600 . -D26, ..
D4140.07-28.00A31-J	1,102	7,913	9,685	2,281	1,250	1,575	0,043	1	J	P600 . -D28, ..
D4140.07-30.00A31-K	1,181	8,465	10,315	2,281	1,250	1,575	0,048	1	K	P600 . -D30, ..

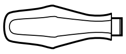
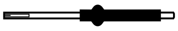
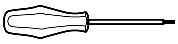
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = → Moderate =

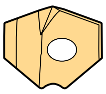
Assembly parts

	Dc [inch]	0,47–0,51	0,55–0,59	0,63–0,67	0,71–0,75	0,79–0,83	0,87	0,94	1,02	1,1–1,18
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm		FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm

Accessories

	Dc [inch]	0,47–0,51	0,55–0,67	0,71–0,75	0,79–0,94	1,02–1,18
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

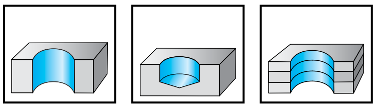
Interchangeable inserts

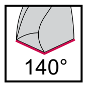
			P			M	K	N	S
			HC			HC	HC	HC	HC
	Designation	Dc mm	WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D..	12–30,5			●				
	P6003-D..	12–30,5	●			●			●
	P6004-D..	12–30,5						●	
	P6005-D..	12–30,5					●		
	P6006-D..	12–30,5		●					

HC = Coated carbide

Exchangeable-tip drills

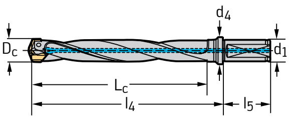
D4140 inch



7×D_c |  140° | Z=2

	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

Tool



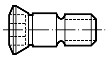
Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Seat size	Version
D4140.07-12.00F15-A	0,472	3,386	4,567	1,890	0,625	0,787	0,007	1	A	P600 . -D12, ..
D4140.07-13.00F15-A	0,512	3,661	4,882	1,890	0,625	0,787	0,007	1	A	P600 . -D13, ..
D4140.07-14.00F15-B	0,551	3,976	5,197	1,890	0,625	0,787	0,008	1	B	P600 . -D14, ..
D4140.07-15.00F15-B	0,591	4,252	5,512	1,890	0,625	0,787	0,008	1	B	P600 . -D15, ..
D4140.07-16.00F19-C	0,630	4,528	5,828	2,031	0,750	0,984	0,011	1	C	P600 . -D16, ..
D4140.07-17.00F19-C	0,669	4,803	6,142	2,031	0,750	0,984	0,012	1	C	P600 . -D17, ..
D4140.07-18.00F19-D	0,709	5,079	6,457	2,031	0,750	0,984	0,013	1	D	P600 . -D18, ..
D4140.07-19.00F19-D	0,748	5,354	6,772	2,031	0,750	0,984	0,014	1	D	P600 . -D19, ..
D4140.07-20.00F19-E	0,787	5,669	7,087	2,031	0,750	0,984	0,015	1	E	P600 . -D20, ..
D4140.07-21.00F19-E	0,827	5,945	7,402	2,031	0,750	0,984	0,017	1	E	P600 . -D21, ..
D4140.07-22.00F26-F	0,866	6,22	7,756	2,281	1,000	1,260	0,024	1	F	P600 . -D22, ..
D4140.07-23.00F26-F	0,906	6,496	8,071	2,281	1,000	1,260	0,026	1	F	P600 . -D23, ..
D4140.07-24.00F26-G	0,945	6,772	8,386	2,281	1,000	1,260	0,027	1	G	P600 . -D24, ..
D4140.07-25.00F26-G	0,984	7,087	8,701	2,281	1,000	1,260	0,029	1	G	P600 . -D25, ..
D4140.07-26.00F26-H	1,024	7,362	9,016	2,281	1,000	1,260	0,032	1	H	P600 . -D26, ..
D4140.07-27.00F26-H	1,063	7,638	9,331	2,281	1,000	1,260	0,032	1	H	P600 . -D27, ..
D4140.07-28.00F31-J	1,102	7,913	9,685	2,281	1,250	1,575	0,042	1	J	P600 . -D28, ..
D4140.07-29.00F31-J	1,142	8,189	10,000	2,281	1,250	1,575	0,043	1	J	P600 . -D29, ..
D4140.07-30.00F31-K	1,181	8,465	10,315	2,281	1,250	1,575	0,051	1	K	P600 . -D30, ..
D4140.07-31.00F31-K	1,22	8,780	10,630	2,281	1,250	1,575	0,05	1	K	P600 . -D31, ..
D4140.07-32.00F31-M	1,260	9,055	10,945	2,281	1,250	1,575	0,051	1	M	P600 . -D32, ..
D4140.07-33.00F31-M	1,299	9,331	11,260	2,281	1,250	1,575	0,058	1	M	P600 . -D33, ..
D4140.07-34.00F38-N	1,339	9,606	11,575	2,688	1,500	1,969	0,072	1	N	P600 . -D34, ..
D4140.07-35.00F38-N	1,378	9,882	11,890	2,688	1,500	1,969	0,076	1	N	P600 . -D35, ..
D4140.07-36.00F38-P	1,417	10,197	12,205	2,688	1,500	1,969	0,078	1	P	P600 . -D36, ..
D4140.07-37.00F38-P	1,457	10,433	12,520	2,688	1,500	1,969	0,082	1	P	P600 . -D37, ..

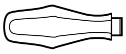
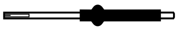
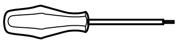
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

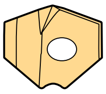
Assembly parts

	D_c [inch]	0,47–0,51	0,55–0,59	0,63–0,67	0,71–0,75	0,79–0,83	0,87–0,91	0,94–0,98	1,02–1,06	1,1–1,3	1,34–1,46
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D_c [inch]	0,47–0,51	0,55–0,67	0,71–0,75	0,79–0,98	1,02–1,46
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

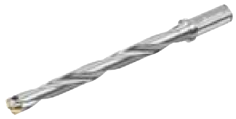
Interchangeable inserts

	Designation	D_c mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6001-D..	12–38			●				
	P6003-D..	12–38	●			●			●
	P6004-D..	12–31,5						●	
	P6005-D..	12–38					●		
	P6006-D..	12–38		●					

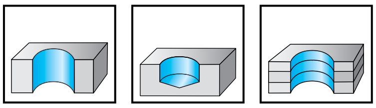
HC = Coated carbide

Exchangeable-tip drills

D4140 inch



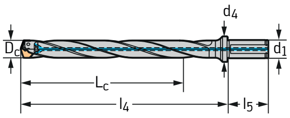
– P6006 – Can be used without pilot drilling up to 10 × D_c



10×D_c	140°	Z=2

	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

Tool



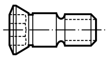
Cylindrical shank with flat

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Seat size	Version
D4140.10-12.00F15-A	0,472	4,724	5,984	1,890	0,625	0,787	0,006	1	A	P600 . -D12, ..
D4140.10-15.00F15-B	0,591	5,906	7,283	1,890	0,625	0,787	0,009	1	B	P600 . -D15, ..
D4140.10-19.00F19-D	0,748	7,48	9,016	2,031	0,750	0,984	0,016	1	D	P600 . -D19, ..
D4140.10-22.00F26-F	0,866	8,661	10,354	2,281	1,000	1,260	0,028	1	F	P600 . -D22, ..
D4140.10-25.00F26-G	0,984	9,843	11,654	2,281	1,000	1,260	0,035	1	G	P600 . -D25, ..

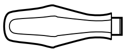
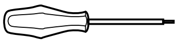
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

Assembly parts

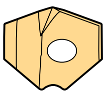
	D_c [inch]	0,47	0,59	0,75	0,87	0,98
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,47	0,59	0,75	0,87–0,98
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)

B1

Interchangeable inserts

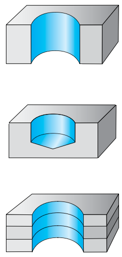


Designation	D_c mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6001-D..	12–25,8			●				
P6003-D..	12–25,8	●			●			●
P6004-D..	12–25,5						●	
P6005-D..	12–25,8					●		
P6006-D..	12–25,8		●					

HC = Coated carbide

B1

HSS drilling tools



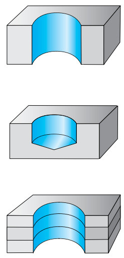
Drilling depth	3 x D_C			5 x D_C	

Designation	A1154TFT VA Inox	A1149XPL UFL®	A1148 UFL®	A3153	A3143
Additional services	R	R	R		
Standard	DIN 1897	DIN 1897	DIN 1897	DIN 1899	DIN 1899
Coating / grade	TFT	XPL	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	2–16	1–20	1–20	0,15–1,4	0,05–1,45
P Steel	●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●	●
K Cast iron		●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●	●	●●	●●	●●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue	**B 318**	**B 312**	**B 321**	**B 330**	**B 327**
QR code					
www.walter-tools.com/woc/	A1154TFT	A1149XPL	A1148	A3153	A3143

WALTER SELECT ●● Primary application ● Other application

B1

HSS drilling tools



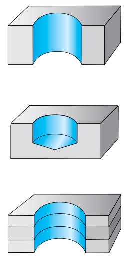
Drilling depth	8 x D_c				

Designation	DA110 Perform	A4247 Alpha® XE	A4244 VA	A1254TFT VA Inox	A1249XPL UFL®
Additional services				R	R
Standard	DIN 338	DIN 345	DIN 345	DIN 338	DIN 338
Coating / grade	WZ90AJ	uncoated	uncoated	TFT	XPL
Shank	Cylindrical shank	Morse taper	Morse taper	Cylindrical shank	Cylindrical shank
Diameter range [mm]	1–16	10–40	10–32	3–16	1–20
P Steel	●●	●●	●	●	●●
M Stainless steel	●	●●	●●	●●	●●
K Cast iron	●●	●●			●●
N NF metals	●	●●	●	●●	●●
S Materials with difficult cutting properties		●●	●●	●	●
H Hard materials					
O Other	●	●		●	●
Page in catalogue	**B 368**	**B 398**	**B 396**	**B 337**	**B 332**
QR code					
www.walter-tools.com/woc/	DA110	A4247	A4244	A1254TFT	A1249XPL

WALTER SELECT

●● Primary application ● Other application

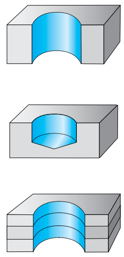
HSS drilling tools



Drilling depth			8 x D_C		
					
Designation	A1247 Alpha® XE	A1244 VA	A1222 UFL®	A1211TIN	A1211
Additional services					
Standard	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338
Coating / grade	uncoated	uncoated	uncoated	TIN	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	1–16	0,3–15	1–16	0,5–16	0,2–22
P Steel	●●	●	●●	●●	●●
M Stainless steel	●●	●●	●	●	●
K Cast iron	●●		●●	●●	●●
N NF metals	●●	●	●●	●	●
S Materials with difficult cutting properties	●●	●●	●	●	●
H Hard materials					
O Other	●		●	●	●
Page in catalogue	**B 339**	**B 344**	**B 350**	**B 356**	**B 356**
QR code					
www.walter-tools.com/woc/	A1247	A1244	A1222	A1211TIN	A1211

WALTER SELECT ●● **Primary application** ● **Other application**

HSS drilling tools



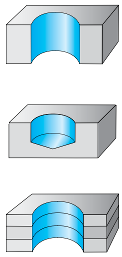
B1

Drilling depth	12 x D_C				

Designation	A4422 UFL®	A1549TFP UFL®	A1547 Alpha® XE	A1544 VA	A1522 UFL®
Additional services	R	R			R
Standard	DIN 341	DIN 340	DIN 340	DIN 340	DIN 340
Coating / grade	uncoated	TFP	uncoated	uncoated	uncoated
Shank	Morse taper	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	10–31	1–12	1–12,7	1–12	1–22,23
P Steel	●●	●●	●	●	●●
M Stainless steel	●	●●	●●	●●	●
K Cast iron	●●	●●	●●		●●
N NF metals	●●	●●	●	●	●●
S Materials with difficult cutting properties	●	●	●●	●●	●
H Hard materials					
O Other	●	●	●		●
Page in catalogue	**B 400**	**B 371**	**B 374**	**B 377**	**B 380**
QR code					
www.walter-tools.com/woc/	A4422	A1549TFP	A1547	A1544	A1522

WALTER SELECT ●● Primary application ● Other application

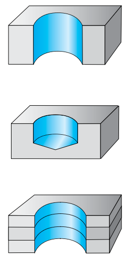
HSS drilling tools



Drilling depth	$12 \times D_c$	$16 \times D_c$			$22 \times D_c$
					
Designation	A1511	A4622 UFL®	A4611	A1622 UFL®	A4722 UFL®
Additional services		R		R	R
Standard	DIN 340	DIN 1870 I	DIN 1870 I	DIN 1869 I	DIN 1870 II
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Morse taper	Morse taper	Cylindrical shank	Morse taper
Diameter range [mm]	0,5–22	12–30	8–40	2–12,7	8–40
P Steel	●	●●	●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●●	●	●●	●●
N NF metals	●	●●	●	●●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue	**B 385**	**B 402**	**B 403**	**B 388**	**B 405**
QR code					
www.walter-tools.com/woc/	A1511	A4622	A4611	A1622	A4722

WALTER SELECT ●● Primary application ● Other application

HSS drilling tools



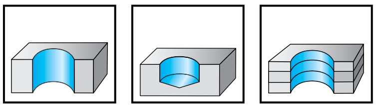
Drilling depth	22 x D_C	30 x D_C	60 x D_C	85 x D_C

Designation	A1722 UFL®	A1822 UFL®	A1922S UFL®	A1922L UFL®
Additional services	R	R	R	R
Standard	DIN 1869 II	DIN 1869 III	Walter	Walter
Coating / grade	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3–12	3,5–12	6–14	8–12
P Steel	●●	●●	●●	●●
M Stainless steel	●	●	●	●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties	●	●	●	●
H Hard materials				
O Other	●	●	●	●
Page in catalogue	**B 392**	**B 393**	**B 394**	**B 395**
QR code				
www.walter-tools.com/woc/	A1722	A1822	A1922S	A1922L

WALTER SELECT ●● **Primary application** ● **Other application**

HSS-E twist drills, extra short
A1149XPL
UFL®

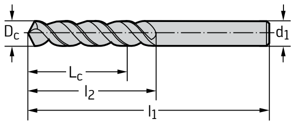
~3×D_c | DIN 1897 | 130°



	P	M	K	N	S	H	O
XPL	●●	●●	●●	●●	●		●

B1

Tool



Cylindrical shank

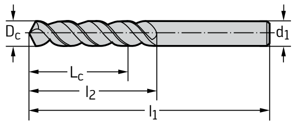
Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1149XPL-1	1		4	26	6	1
A1149XPL-NO60	1,016	No. 60	4	26	6	1,016
A1149XPL-NO59	1,041	No. 59	4	26	6	1,041
A1149XPL-NO58	1,067	No. 58	5	28	7	1,067
A1149XPL-NO57	1,092	No. 57	5	28	7	1,092
A1149XPL-1.1	1,1		5	28	7	1,1
A1149XPL-NO56	1,181	No. 56	6	30	8	1,181
A1149XPL-3/64IN	1,191	3/64"	6	30	8	1,191
A1149XPL-1.2	1,2		6	30	8	1,2
A1149XPL-1.3	1,3		6	30	8	1,3
A1149XPL-NO55	1,321	No. 55	6	32	9	1,321
A1149XPL-NO54	1,397	No. 54	6	32	9	1,397
A1149XPL-1.4	1,4		6	32	9	1,4
A1149XPL-1.5	1,5		6	32	9	1,5
A1149XPL-NO53	1,511	No. 53	7	34	10	1,511
A1149XPL-1/16IN	1,588	1/16"	7	34	10	1,588
A1149XPL-1.6	1,6		7	34	10	1,6
A1149XPL-NO52	1,613	No. 52	7	34	10	1,613
A1149XPL-1.7	1,7		7	34	10	1,7
A1149XPL-NO51	1,702	No. 51	8	36	11	1,702
A1149XPL-NO50	1,778	No. 50	8	36	11	1,778
A1149XPL-1.8	1,8		8	36	11	1,8
A1149XPL-NO49	1,854	No. 49	8	36	11	1,854
A1149XPL-1.9	1,9		8	36	11	1,9
A1149XPL-NO48	1,93	No. 48	8	38	12	1,93
A1149XPL-5/64IN	1,984	5/64"	8	38	12	1,984
A1149XPL-NO47	1,994	No. 47	8	38	12	1,994
A1149XPL-2	2		8	38	12	2
A1149XPL-NO46	2,057	No. 46	8	38	12	2,057
A1149XPL-NO45	2,083	No. 45	8	38	12	2,083
A1149XPL-2.1	2,1		8	38	12	2,1
A1149XPL-NO44	2,184	No. 44	9	40	13	2,184
A1149XPL-2.2	2,2		9	40	13	2,2
A1149XPL-NO43	2,261	No. 43	9	40	13	2,261
A1149XPL-2.3	2,3		9	40	13	2,3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool

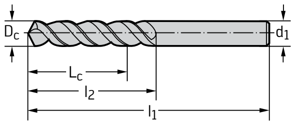


Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1149XPL-NO42	2,375	No. 42	10	43	14	2,375
A1149XPL-3/32IN	2,381	3/32"	10	43	14	2,381
A1149XPL-2.4	2,4		10	43	14	2,4
A1149XPL-NO41	2,438	No. 41	10	43	14	2,438
A1149XPL-NO40	2,489	No. 40	10	43	14	2,489
A1149XPL-2.5	2,5		10	43	14	2,5
A1149XPL-NO39	2,527	No. 39	10	43	14	2,527
A1149XPL-NO38	2,578	No. 38	10	43	14	2,578
A1149XPL-2.6	2,6		10	43	14	2,6
A1149XPL-NO37	2,642	No. 37	10	43	14	2,642
A1149XPL-2.7	2,7		11	46	16	2,7
A1149XPL-NO36	2,705	No. 36	11	46	16	2,705
A1149XPL-7/64IN	2,778	7/64"	11	46	16	2,778
A1149XPL-NO35	2,794	No. 35	11	46	16	2,794
A1149XPL-2.8	2,8		11	46	16	2,8
A1149XPL-NO34	2,819	No. 34	11	46	16	2,819
A1149XPL-NO33	2,87	No. 33	11	46	16	2,87
A1149XPL-2.9	2,9		11	46	16	2,9
A1149XPL-NO32	2,946	No. 32	11	46	16	2,946
A1149XPL-3	3		11	46	16	3
A1149XPL-NO31	3,048	No. 31	12	49	18	3,048
A1149XPL-3.1	3,1		12	49	18	3,1
A1149XPL-1/8IN	3,175	1/8"	12	49	18	3,175
A1149XPL-3.2	3,2		12	49	18	3,2
A1149XPL-NO30	3,264	No. 30	12	49	18	3,264
A1149XPL-3.3	3,3		12	49	18	3,3
A1149XPL-3.4	3,4		14	52	20	3,4
A1149XPL-NO29	3,454	No. 29	14	52	20	3,454
A1149XPL-3.5	3,5		14	52	20	3,5
A1149XPL-NO28	3,569	No. 28	14	52	20	3,569
A1149XPL-9/64IN	3,572	9/64"	14	52	20	3,572
A1149XPL-3.6	3,6		14	52	20	3,6
A1149XPL-NO27	3,658	No. 27	14	52	20	3,658
A1149XPL-3.7	3,7		14	52	20	3,7
A1149XPL-NO26	3,734	No. 26	14	52	20	3,734
A1149XPL-NO25	3,797	No. 25	15	55	22	3,797
A1149XPL-3.8	3,8		15	55	22	3,8
A1149XPL-NO24	3,861	No. 24	15	55	22	3,861
A1149XPL-3.9	3,9		15	55	22	3,9
A1149XPL-NO23	3,912	No. 23	15	55	22	3,912
A1149XPL-5/32IN	3,969	5/32"	15	55	22	3,969
A1149XPL-NO22	3,988	No. 22	15	55	22	3,988
A1149XPL-4	4		15	55	22	4
A1149XPL-NO21	4,039	No. 21	15	55	22	4,039
A1149XPL-NO20	4,089	No. 20	15	55	22	4,089
A1149XPL-4.1	4,1		15	55	22	4,1
A1149XPL-4.2	4,2		15	55	22	4,2
A1149XPL-NO19	4,216	No. 19	15	55	22	4,216

B1

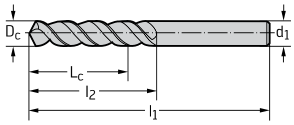
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1149XPL-4.3	4,3		16	58	24	4,3
A1149XPL-NO18	4,305	No. 18	16	58	24	4,305
A1149XPL-11/64IN	4,366	11/64"	16	58	24	4,366
A1149XPL-NO17	4,394	No. 17	16	58	24	4,394
A1149XPL-4.4	4,4		16	58	24	4,4
A1149XPL-NO16	4,496	No. 16	16	58	24	4,496
A1149XPL-4.5	4,5		16	58	24	4,5
A1149XPL-NO15	4,572	No. 15	16	58	24	4,572
A1149XPL-4.6	4,6		16	58	24	4,6
A1149XPL-NO14	4,623	No. 14	16	58	24	4,623
A1149XPL-4.65	4,65		16	58	24	4,65
A1149XPL-NO13	4,699	No. 13	16	58	24	4,699
A1149XPL-4.7	4,7		16	58	24	4,7
A1149XPL-3/16IN	4,763	3/16"	18	62	26	4,763
A1149XPL-4.8	4,8		18	62	26	4,8
A1149XPL-NO12	4,801	No. 12	18	62	26	4,801
A1149XPL-NO11	4,851	No. 11	18	62	26	4,851
A1149XPL-4.9	4,9		18	62	26	4,9
A1149XPL-NO10	4,915	No. 10	18	62	26	4,915
A1149XPL-NO9	4,978	No. 09	18	62	26	4,978
A1149XPL-5	5		18	62	26	5
A1149XPL-NO8	5,055	No. 08	18	62	26	5,055
A1149XPL-5.1	5,1		18	62	26	5,1
A1149XPL-NO7	5,105	No. 07	18	62	26	5,105
A1149XPL-13/64IN	5,159	13/64"	18	62	26	5,159
A1149XPL-NO6	5,182	No. 06	18	62	26	5,182
A1149XPL-5.2	5,2		18	62	26	5,2
A1149XPL-NO5	5,22	No. 05	18	62	26	5,22
A1149XPL-5.3	5,3		18	62	26	5,3
A1149XPL-NO4	5,309	No. 04	19	66	28	5,309
A1149XPL-5.4	5,4		19	66	28	5,4
A1149XPL-NO3	5,41	No. 03	19	66	28	5,41
A1149XPL-5.5	5,5		19	66	28	5,5
A1149XPL-5.55	5,55		19	66	28	5,55
A1149XPL-7/32IN	5,556	7/32"	19	66	28	5,556
A1149XPL-5.6	5,6		19	66	28	5,6
A1149XPL-NO2	5,613	No. 02	19	66	28	5,613
A1149XPL-5.7	5,7		19	66	28	5,7
A1149XPL-NO1	5,791	No. 01	19	66	28	5,791
A1149XPL-5.8	5,8		19	66	28	5,8
A1149XPL-5.9	5,9		19	66	28	5,9
A1149XPL-LET.A	5,944	Let. A	19	66	28	5,944
A1149XPL-15/64IN	5,953	15/64"	19	66	28	5,953
A1149XPL-6	6		19	66	28	6
A1149XPL-LET.B	6,045	Let. B	20	70	31	6,045
A1149XPL-6.1	6,1		20	70	31	6,1
A1149XPL-LET.C	6,147	Let. C	20	70	31	6,147
A1149XPL-6.2	6,2		20	70	31	6,2

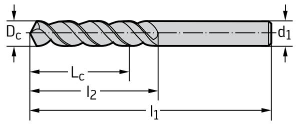
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1149XPL-LET.D	6,248	Let. D	20	70	31	6,248
A1149XPL-6.3	6,3		20	70	31	6,3
A1149XPL-1/4IN	6,35	1/4"	20	70	31	6,35
A1149XPL-6.4	6,4		20	70	31	6,4
A1149XPL-6.5	6,5		20	70	31	6,5
A1149XPL-LET.F	6,528	Let. F	20	70	31	6,528
A1149XPL-6.6	6,6		20	70	31	6,6
A1149XPL-LET.G	6,629	Let. G	20	70	31	6,629
A1149XPL-6.7	6,7		20	70	31	6,7
A1149XPL-17/64IN	6,747	17/64"	22	74	34	6,747
A1149XPL-LET.H	6,756	Let. H	22	74	34	6,756
A1149XPL-6.8	6,8		22	74	34	6,8
A1149XPL-6.9	6,9		22	74	34	6,9
A1149XPL-LET.I	6,909	Let. I	22	74	34	6,909
A1149XPL-7	7		22	74	34	7
A1149XPL-LET.J	7,036	Let. J	22	74	34	7,036
A1149XPL-7.1	7,1		22	74	34	7,1
A1149XPL-LET.K	7,137	Let. K	22	74	34	7,137
A1149XPL-9/32IN	7,144	9/32"	22	74	34	7,144
A1149XPL-7.2	7,2		22	74	34	7,2
A1149XPL-7.3	7,3		22	74	34	7,3
A1149XPL-LET.L	7,366	Let. L	22	74	34	7,366
A1149XPL-7.4	7,4		22	74	34	7,4
A1149XPL-LET.M	7,493	Let. M	22	74	34	7,493
A1149XPL-7.5	7,5		22	74	34	7,5
A1149XPL-19/64IN	7,541	19/64"	24	79	37	7,541
A1149XPL-7.6	7,6		24	79	37	7,6
A1149XPL-LET.N	7,671	Let. N	24	79	37	7,671
A1149XPL-7.7	7,7		24	79	37	7,7
A1149XPL-7.8	7,8		24	79	37	7,8
A1149XPL-7.9	7,9		24	79	37	7,9
A1149XPL-5/16IN	7,938	5/16"	24	79	37	7,938
A1149XPL-8	8		24	79	37	8
A1149XPL-LET.O	8,026	Let. O	24	79	37	8,026
A1149XPL-8.1	8,1		24	79	37	8,1
A1149XPL-8.2	8,2		24	79	37	8,2
A1149XPL-LET.P	8,204	Let. P	24	79	37	8,204
A1149XPL-8.3	8,3		24	79	37	8,3
A1149XPL-21/64IN	8,334	21/64"	24	79	37	8,334
A1149XPL-8.4	8,4		24	79	37	8,4
A1149XPL-LET.Q	8,433	Let. Q	24	79	37	8,433
A1149XPL-8.5	8,5		24	79	37	8,5
A1149XPL-8.6	8,6		25	84	40	8,6
A1149XPL-LET.R	8,611	Let. R	25	84	40	8,611
A1149XPL-8.7	8,7		25	84	40	8,7
A1149XPL-11/32IN	8,731	11/32"	25	84	40	8,731
A1149XPL-8.8	8,8		25	84	40	8,8
A1149XPL-LET.S	8,839	Let. S	25	84	40	8,839

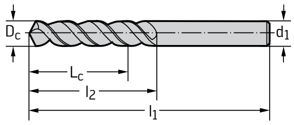
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1149XPL-8.9	8,9		25	84	40	8,9
A1149XPL-9	9		25	84	40	9
A1149XPL-LET.T	9,093	Let. T	25	84	40	9,093
A1149XPL-9.1	9,1		25	84	40	9,1
A1149XPL-23/64IN	9,128	23/64"	25	84	40	9,128
A1149XPL-9.2	9,2		25	84	40	9,2
A1149XPL-9.3	9,3		25	84	40	9,3
A1149XPL-LET.U	9,347	Let. U	25	84	40	9,347
A1149XPL-9.4	9,4		25	84	40	9,4
A1149XPL-9.5	9,5		25	84	40	9,5
A1149XPL-3/8IN	9,525	3/8"	27	89	43	9,525
A1149XPL-LET.V	9,576	Let. V	27	89	43	9,576
A1149XPL-9.6	9,6		27	89	43	9,6
A1149XPL-9.7	9,7		27	89	43	9,7
A1149XPL-9.8	9,8		27	89	43	9,8
A1149XPL-LET.W	9,804	Let. W	27	89	43	9,804
A1149XPL-9.9	9,9		27	89	43	9,9
A1149XPL-25/64IN	9,922	25/64"	27	89	43	9,922
A1149XPL-10	10		27	89	43	10
A1149XPL-LET.X	10,084	Let. X	27	89	43	10,084
A1149XPL-10.2	10,2		27	89	43	10,2
A1149XPL-LET.Y	10,262	Let. Y	27	89	43	10,262
A1149XPL-13/32IN	10,319	13/32"	27	89	43	10,319
A1149XPL-LET.Z	10,49	Let. Z	27	89	43	10,49
A1149XPL-10.5	10,5		27	89	43	10,5
A1149XPL-27/64IN	10,716	27/64"	29	95	47	10,716
A1149XPL-10.8	10,8		29	95	47	10,8
A1149XPL-11	11		29	95	47	11
A1149XPL-7/16IN	11,113	7/16"	29	95	47	11,113
A1149XPL-11.2	11,2		29	95	47	11,2
A1149XPL-11.3	11,3		29	95	47	11,3
A1149XPL-11.5	11,5		29	95	47	11,5
A1149XPL-29/64IN	11,509	29/64"	29	95	47	11,509
A1149XPL-11.8	11,8		29	95	47	11,8
A1149XPL-15/32IN	11,906	15/32"	37	102	51	11,906
A1149XPL-12	12		37	102	51	12
A1149XPL-31/64IN	12,303	31/64"	37	102	51	12,303
A1149XPL-12.5	12,5		37	102	51	12,5
A1149XPL-1/2IN	12,7	1/2"	37	102	51	12,7
A1149XPL-12.8	12,8		37	102	51	12,8
A1149XPL-13	13		37	102	51	13
A1149XPL-33/64IN	13,097		37	102	51	13,097
A1149XPL-13.1	13,1		37	102	51	13,1
A1149XPL-13.3	13,3		40	107	54	13,3
A1149XPL-17/32IN	13,494	17/32"	40	107	54	13,494
A1149XPL-13.5	13,5		40	107	54	13,5
A1149XPL-35/64IN	13,891		40	107	54	13,891
A1149XPL-14	14		40	107	54	14

Tool

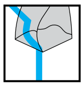


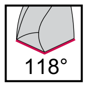
Cylindrical shank

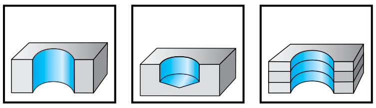
Designation	h8	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	f11
A1149XPL-9/16IN	14,288	9/16"	41	111	56	14,288
A1149XPL-14.5	14,5		41	111	56	14,5
A1149XPL-37/64IN	14,684	37/64"	41	111	56	14,684
A1149XPL-15	15		41	111	56	15
A1149XPL-19/32IN	15,081	19/32"	42	115	58	15,081
A1149XPL-15.1	15,1		42	115	58	15,1
A1149XPL-15.3	15,3		42	115	58	15,3
A1149XPL-39/64IN	15,478	39/64"	42	115	58	15,478
A1149XPL-15.5	15,5		42	115	58	15,5
A1149XPL-5/8IN	15,875	5/8"	42	115	58	15,875
A1149XPL-16	16		42	115	58	16
A1149XPL-41/64IN	16,272		43	119	60	16,272
A1149XPL-16.5	16,5		43	119	60	16,5
A1149XPL-21/32IN	16,669		43	119	60	16,669
A1149XPL-17	17		43	119	60	17
A1149XPL-43/64IN	17,066		44	123	62	17,066
A1149XPL-11/16IN	17,463		44	123	62	17,463
A1149XPL-17.5	17,5		44	123	62	17,5
A1149XPL-45/64IN	17,859	45/64"	44	123	62	17,859
A1149XPL-18	18		44	123	62	18
A1149XPL-23/32IN	18,256	23/32"	45	127	64	18,256
A1149XPL-18.5	18,5		45	127	64	18,5
A1149XPL-47/64IN	18,653	47/64"	45	127	64	18,653
A1149XPL-19	19		45	127	64	19
A1149XPL-3/4IN	19,05	3/4"	46	131	66	19,05
A1149XPL-19.5	19,5		46	131	66	19,5
A1149XPL-20	20		46	131	66	20

HSS-E twist drills, extra short
A1154TFT
VA Inox

~3×D_c | DIN 1897

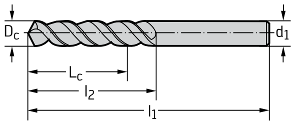






	P	M	K	N	S	H	O
TFT	●	●●		●●	●		●

Tool



Cylindrical shank

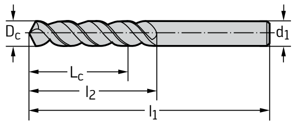
Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1154TFT-2	2	8	38	12	2
A1154TFT-2.1	2,1	8	38	12	2,1
A1154TFT-2.2	2,2	9	40	13	2,2
A1154TFT-2.3	2,3	9	40	13	2,3
A1154TFT-2.4	2,4	10	43	14	2,4
A1154TFT-2.5	2,5	10	43	14	2,5
A1154TFT-2.6	2,6	10	43	14	2,6
A1154TFT-2.7	2,7	11	46	16	2,7
A1154TFT-2.8	2,8	11	46	16	2,8
A1154TFT-2.9	2,9	11	46	16	2,9
A1154TFT-3	3	11	46	16	3
A1154TFT-3.1	3,1	12	49	18	3,1
A1154TFT-3.2	3,2	12	49	18	3,2
A1154TFT-3.3	3,3	12	49	18	3,3
A1154TFT-3.4	3,4	14	52	20	3,4
A1154TFT-3.5	3,5	14	52	20	3,5
A1154TFT-3.6	3,6	14	52	20	3,6
A1154TFT-3.7	3,7	14	52	20	3,7
A1154TFT-3.8	3,8	15	55	22	3,8
A1154TFT-3.9	3,9	15	55	22	3,9
A1154TFT-4	4	15	55	22	4
A1154TFT-4.1	4,1	15	55	22	4,1
A1154TFT-4.2	4,2	15	55	22	4,2
A1154TFT-4.3	4,3	16	58	24	4,3
A1154TFT-4.4	4,4	16	58	24	4,4
A1154TFT-4.5	4,5	16	58	24	4,5
A1154TFT-4.6	4,6	16	58	24	4,6
A1154TFT-4.65	4,65	16	58	24	4,65
A1154TFT-4.7	4,7	16	58	24	4,7
A1154TFT-4.8	4,8	18	62	26	4,8
A1154TFT-4.9	4,9	18	62	26	4,9
A1154TFT-5	5	18	62	26	5
A1154TFT-5.1	5,1	18	62	26	5,1
A1154TFT-5.2	5,2	18	62	26	5,2
A1154TFT-5.3	5,3	18	62	26	5,3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

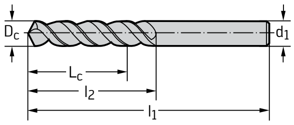
Tool



Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1154TFT-5.4	5,4	19	66	28	5,4
A1154TFT-5.5	5,5	19	66	28	5,5
A1154TFT-5.55	5,55	19	66	28	5,55
A1154TFT-5.6	5,6	19	66	28	5,6
A1154TFT-5.7	5,7	19	66	28	5,7
A1154TFT-5.8	5,8	19	66	28	5,8
A1154TFT-5.9	5,9	19	66	28	5,9
A1154TFT-6	6	19	66	28	6
A1154TFT-6.1	6,1	20	70	31	6,1
A1154TFT-6.2	6,2	20	70	31	6,2
A1154TFT-6.3	6,3	20	70	31	6,3
A1154TFT-6.4	6,4	20	70	31	6,4
A1154TFT-6.5	6,5	20	70	31	6,5
A1154TFT-6.6	6,6	20	70	31	6,6
A1154TFT-6.7	6,7	20	70	31	6,7
A1154TFT-6.8	6,8	22	74	34	6,8
A1154TFT-6.9	6,9	22	74	34	6,9
A1154TFT-7	7	22	74	34	7
A1154TFT-7.1	7,1	22	74	34	7,1
A1154TFT-7.2	7,2	22	74	34	7,2
A1154TFT-7.3	7,3	22	74	34	7,3
A1154TFT-7.4	7,4	22	74	34	7,4
A1154TFT-7.5	7,5	22	74	34	7,5
A1154TFT-7.6	7,6	24	79	37	7,6
A1154TFT-7.7	7,7	24	79	37	7,7
A1154TFT-7.8	7,8	24	79	37	7,8
A1154TFT-7.9	7,9	24	79	37	7,9
A1154TFT-8	8	24	79	37	8
A1154TFT-8.1	8,1	24	79	37	8,1
A1154TFT-8.2	8,2	24	79	37	8,2
A1154TFT-8.3	8,3	24	79	37	8,3
A1154TFT-8.4	8,4	24	79	37	8,4
A1154TFT-8.5	8,5	24	79	37	8,5
A1154TFT-8.6	8,6	25	84	40	8,6
A1154TFT-8.7	8,7	25	84	40	8,7
A1154TFT-8.8	8,8	25	84	40	8,8
A1154TFT-8.9	8,9	25	84	40	8,9
A1154TFT-9	9	25	84	40	9
A1154TFT-9.1	9,1	25	84	40	9,1
A1154TFT-9.2	9,2	25	84	40	9,2
A1154TFT-9.3	9,3	25	84	40	9,3
A1154TFT-9.4	9,4	25	84	40	9,4
A1154TFT-9.5	9,5	25	84	40	9,5
A1154TFT-9.6	9,6	27	89	43	9,6
A1154TFT-9.7	9,7	27	89	43	9,7
A1154TFT-9.8	9,8	27	89	43	9,8
A1154TFT-9.9	9,9	27	89	43	9,9
A1154TFT-10	10	27	89	43	10

Tool



Cylindrical shank

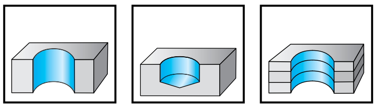
Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1154TFT-10.2	10,2	27	89	43	10,2
A1154TFT-10.3	10,3	27	89	43	10,3
A1154TFT-10.5	10,5	27	89	43	10,5
A1154TFT-10.6	10,6	27	89	43	10,6
A1154TFT-10.7	10,7	29	95	47	10,7
A1154TFT-10.8	10,8	29	95	47	10,8
A1154TFT-10.9	10,9	29	95	47	10,9
A1154TFT-11	11	29	95	47	11
A1154TFT-11.1	11,1	29	95	47	11,1
A1154TFT-11.2	11,2	29	95	47	11,2
A1154TFT-11.3	11,3	29	95	47	11,3
A1154TFT-11.5	11,5	29	95	47	11,5
A1154TFT-11.6	11,6	29	95	47	11,6
A1154TFT-11.8	11,8	29	95	47	11,8
A1154TFT-11.9	11,9	37	102	51	11,9
A1154TFT-12	12	37	102	51	12
A1154TFT-12.1	12,1	37	102	51	12,1
A1154TFT-12.3	12,3	37	102	51	12,3
A1154TFT-12.5	12,5	37	102	51	12,5
A1154TFT-12.6	12,6	37	102	51	12,6
A1154TFT-12.7	12,7	37	102	51	12,7
A1154TFT-13	13	37	102	51	13
A1154TFT-13.1	13,1	37	102	51	13,1
A1154TFT-13.2	13,2	37	102	51	13,2
A1154TFT-13.3	13,3	40	107	54	13,3
A1154TFT-13.4	13,4	40	107	54	13,4
A1154TFT-13.5	13,5	40	107	54	13,5
A1154TFT-13.6	13,6	40	107	54	13,6
A1154TFT-14	14	40	107	54	14
A1154TFT-14.1	14,1	41	111	56	14,1
A1154TFT-14.2	14,2	41	111	56	14,2
A1154TFT-14.5	14,5	41	111	56	14,5
A1154TFT-14.8	14,8	41	111	56	14,8
A1154TFT-15	15	41	111	56	15
A1154TFT-15.1	15,1	42	115	58	15,1
A1154TFT-15.2	15,2	42	115	58	15,2
A1154TFT-15.3	15,3	42	115	58	15,3
A1154TFT-15.5	15,5	42	115	58	15,5
A1154TFT-15.8	15,8	42	115	58	15,8
A1154TFT-16	16	42	115	58	16

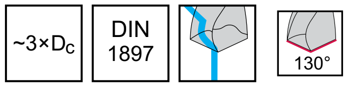
HSS-E twist drills, extra short

A1148

UFL®

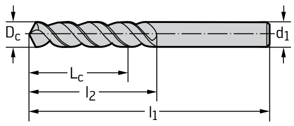
– Uncoated up to 1.9 mm





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●

Tool



Cylindrical shank

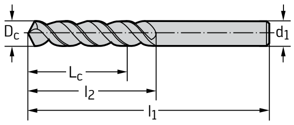
Designation	h8	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	f11
A1148-1	1		4	26	6	1
A1148-NO60	1,016	No. 60	4	26	6	1,016
A1148-NO59	1,041	No. 59	4	26	6	1,041
A1148-NO58	1,067	No. 58	5	28	7	1,067
A1148-NO57	1,092	No. 57	5	28	7	1,092
A1148-1.1	1,1		5	28	7	1,1
A1148-NO56	1,181	No. 56	6	30	8	1,181
A1148-3/64IN	1,191	3/64"	6	30	8	1,191
A1148-1.2	1,2		6	30	8	1,2
A1148-1.3	1,3		6	30	8	1,3
A1148-NO55	1,321	No. 55	6	32	9	1,321
A1148-NO54	1,397	No. 54	6	32	9	1,397
A1148-1.4	1,4		6	32	9	1,4
A1148-1.5	1,5		6	32	9	1,5
A1148-NO53	1,511	No. 53	7	34	10	1,511
A1148-1/16IN	1,588	1/16"	7	34	10	1,588
A1148-1.6	1,6		7	34	10	1,6
A1148-NO52	1,613	No. 52	7	34	10	1,613
A1148-1.7	1,7		7	34	10	1,7
A1148-NO51	1,702	No. 51	8	36	11	1,702
A1148-NO50	1,778	No. 50	8	36	11	1,778
A1148-1.8	1,8		8	36	11	1,8
A1148-NO49	1,854	No. 49	8	36	11	1,854
A1148-1.9	1,9		8	36	11	1,9
A1148-NO48	1,93	No. 48	8	38	12	1,93
A1148-5/64IN	1,984	5/64"	8	38	12	1,984
A1148-NO47	1,994	No. 47	8	38	12	1,994
A1148-2	2		8	38	12	2
A1148-NO46	2,057	No. 46	8	38	12	2,057
A1148-NO45	2,083	No. 45	8	38	12	2,083
A1148-2.1	2,1		8	38	12	2,1
A1148-NO44	2,184	No. 44	9	40	13	2,184
A1148-2.2	2,2		9	40	13	2,2
A1148-NO43	2,261	No. 43	9	40	13	2,261
A1148-2.3	2,3		9	40	13	2,3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

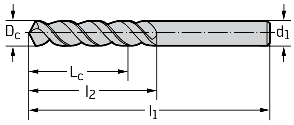


Cylindrical shank

B1

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1148-NO42	2,375	No. 42	10	43	14	2,375
A1148-3/32IN	2,381	3/32"	10	43	14	2,381
A1148-2.4	2,4		10	43	14	2,4
A1148-NO41	2,438	No. 41	10	43	14	2,438
A1148-NO40	2,489	No. 40	10	43	14	2,489
A1148-2.5	2,5		10	43	14	2,5
A1148-NO39	2,527	No. 39	10	43	14	2,527
A1148-NO38	2,578	No. 38	10	43	14	2,578
A1148-2.6	2,6		10	43	14	2,6
A1148-NO37	2,642	No. 37	10	43	14	2,642
A1148-2.7	2,7		11	46	16	2,7
A1148-NO36	2,705	No. 36	11	46	16	2,705
A1148-7/64IN	2,778	7/64"	11	46	16	2,778
A1148-NO35	2,794	No. 35	11	46	16	2,794
A1148-2.8	2,8		11	46	16	2,8
A1148-NO34	2,819	No. 34	11	46	16	2,819
A1148-NO33	2,87	No. 33	11	46	16	2,87
A1148-2.9	2,9		11	46	16	2,9
A1148-NO32	2,946	No. 32	11	46	16	2,946
A1148-3	3		11	46	16	3
A1148-NO31	3,048	No. 31	12	49	18	3,048
A1148-3.1	3,1		12	49	18	3,1
A1148-1/8IN	3,175	1/8"	12	49	18	3,175
A1148-3.2	3,2		12	49	18	3,2
A1148-NO30	3,264	No. 30	12	49	18	3,264
A1148-3.3	3,3		12	49	18	3,3
A1148-3.4	3,4		14	52	20	3,4
A1148-NO29	3,454	No. 29	14	52	20	3,454
A1148-3.5	3,5		14	52	20	3,5
A1148-NO28	3,569	No. 28	14	52	20	3,569
A1148-9/64IN	3,572	9/64"	14	52	20	3,572
A1148-3.6	3,6		14	52	20	3,6
A1148-NO27	3,658	No. 27	14	52	20	3,658
A1148-3.7	3,7		14	52	20	3,7
A1148-NO26	3,734	No. 26	14	52	20	3,734
A1148-NO25	3,797	No. 25	15	55	22	3,797
A1148-3.8	3,8		15	55	22	3,8
A1148-NO24	3,861	No. 24	15	55	22	3,861
A1148-3.9	3,9		15	55	22	3,9
A1148-NO23	3,912	No. 23	15	55	22	3,912
A1148-5/32IN	3,969	5/32"	15	55	22	3,969
A1148-NO22	3,988	No. 22	15	55	22	3,988
A1148-4	4		15	55	22	4
A1148-NO21	4,039	No. 21	15	55	22	4,039
A1148-NO20	4,089	No. 20	15	55	22	4,089
A1148-4.1	4,1		15	55	22	4,1
A1148-4.2	4,2		15	55	22	4,2
A1148-NO19	4,216	No. 19	15	55	22	4,216

Tool

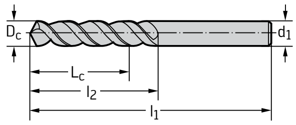


Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1148-4.3	4,3		16	58	24	4,3
A1148-NO18	4,305	No. 18	16	58	24	4,305
A1148-11/64IN	4,366	11/64"	16	58	24	4,366
A1148-NO17	4,394	No. 17	16	58	24	4,394
A1148-4.4	4,4		16	58	24	4,4
A1148-NO16	4,496	No. 16	16	58	24	4,496
A1148-4.5	4,5		16	58	24	4,5
A1148-NO15	4,572	No. 15	16	58	24	4,572
A1148-4.6	4,6		16	58	24	4,6
A1148-NO14	4,623	No. 14	16	58	24	4,623
A1148-NO13	4,699	No. 13	16	58	24	4,699
A1148-4.7	4,7		16	58	24	4,7
A1148-3/16IN	4,763	3/16"	18	62	26	4,763
A1148-4.8	4,8		18	62	26	4,8
A1148-NO12	4,801	No. 12	18	62	26	4,801
A1148-NO11	4,851	No. 11	18	62	26	4,851
A1148-4.9	4,9		18	62	26	4,9
A1148-NO10	4,915	No. 10	18	62	26	4,915
A1148-NO9	4,978	No. 09	18	62	26	4,978
A1148-5	5		18	62	26	5
A1148-NO8	5,055	No. 08	18	62	26	5,055
A1148-5.1	5,1		18	62	26	5,1
A1148-NO7	5,105	No. 07	18	62	26	5,105
A1148-13/64IN	5,159	13/64"	18	62	26	5,159
A1148-NO6	5,182	No. 06	18	62	26	5,182
A1148-5.2	5,2		18	62	26	5,2
A1148-NO5	5,22	No. 05	18	62	26	5,22
A1148-5.3	5,3		18	62	26	5,3
A1148-NO4	5,309	No. 04	19	66	28	5,309
A1148-5.4	5,4		19	66	28	5,4
A1148-NO3	5,41	No. 03	19	66	28	5,41
A1148-5.5	5,5		19	66	28	5,5
A1148-7/32IN	5,556	7/32"	19	66	28	5,556
A1148-5.6	5,6		19	66	28	5,6
A1148-NO2	5,613	No. 02	19	66	28	5,613
A1148-5.7	5,7		19	66	28	5,7
A1148-NO1	5,791	No. 01	19	66	28	5,791
A1148-5.8	5,8		19	66	28	5,8
A1148-5.9	5,9		19	66	28	5,9
A1148-LET.A	5,944	Let. A	19	66	28	5,944
A1148-15/64IN	5,953	15/64"	19	66	28	5,953
A1148-6	6		19	66	28	6
A1148-LET.B	6,045	Let. B	20	70	31	6,045
A1148-6.1	6,1		20	70	31	6,1
A1148-LET.C	6,147	Let. C	20	70	31	6,147
A1148-6.2	6,2		20	70	31	6,2
A1148-LET.D	6,248	Let. D	20	70	31	6,248
A1148-6.3	6,3		20	70	31	6,3

B1

Tool

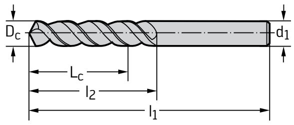


Cylindrical shank

B1

Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1148-1/4IN	6,35	1/4"	20	70	31	6,35
A1148-6.4	6,4		20	70	31	6,4
A1148-6.5	6,5		20	70	31	6,5
A1148-LET.F	6,528	Let. F	20	70	31	6,528
A1148-6.6	6,6		20	70	31	6,6
A1148-LET.G	6,629	Let. G	20	70	31	6,629
A1148-6.7	6,7		20	70	31	6,7
A1148-17/64IN	6,747	17/64"	22	74	34	6,747
A1148-LET.H	6,756	Let. H	22	74	34	6,756
A1148-6.8	6,8		22	74	34	6,8
A1148-6.9	6,9		22	74	34	6,9
A1148-LET.I	6,909	Let. I	22	74	34	6,909
A1148-7	7		22	74	34	7
A1148-LET.J	7,036	Let. J	22	74	34	7,036
A1148-7.1	7,1		22	74	34	7,1
A1148-LET.K	7,137	Let. K	22	74	34	7,137
A1148-9/32IN	7,144	9/32"	22	74	34	7,144
A1148-7.2	7,2		22	74	34	7,2
A1148-7.3	7,3		22	74	34	7,3
A1148-LET.L	7,366	Let. L	22	74	34	7,366
A1148-7.4	7,4		22	74	34	7,4
A1148-LET.M	7,493	Let. M	22	74	34	7,493
A1148-7.5	7,5		22	74	34	7,5
A1148-19/64IN	7,541	19/64"	24	79	37	7,541
A1148-7.6	7,6		24	79	37	7,6
A1148-LET.N	7,671	Let. N	24	79	37	7,671
A1148-7.7	7,7		24	79	37	7,7
A1148-7.8	7,8		24	79	37	7,8
A1148-7.9	7,9		24	79	37	7,9
A1148-5/16IN	7,938	5/16"	24	79	37	7,938
A1148-8	8		24	79	37	8
A1148-LET.O	8,026	Let. O	24	79	37	8,026
A1148-8.1	8,1		24	79	37	8,1
A1148-8.2	8,2		24	79	37	8,2
A1148-LET.P	8,204	Let. P	24	79	37	8,204
A1148-8.3	8,3		24	79	37	8,3
A1148-21/64IN	8,334	21/64"	24	79	37	8,334
A1148-8.4	8,4		24	79	37	8,4
A1148-LET.Q	8,433	Let. Q	24	79	37	8,433
A1148-8.5	8,5		24	79	37	8,5
A1148-8.6	8,6		25	84	40	8,6
A1148-LET.R	8,611	Let. R	25	84	40	8,611
A1148-8.7	8,7		25	84	40	8,7
A1148-11/32IN	8,731	11/32"	25	84	40	8,731
A1148-8.8	8,8		25	84	40	8,8
A1148-LET.S	8,839	Let. S	25	84	40	8,839
A1148-8.9	8,9		25	84	40	8,9
A1148-9	9		25	84	40	9

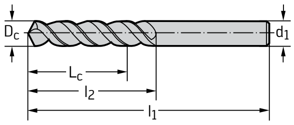
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1148-LET.T	9,093	Let. T	25	84	40	9,093
A1148-9.1	9,1		25	84	40	9,1
A1148-23/64IN	9,128	23/64"	25	84	40	9,128
A1148-9.2	9,2		25	84	40	9,2
A1148-9.3	9,3		25	84	40	9,3
A1148-LET.U	9,347	Let. U	25	84	40	9,347
A1148-9.4	9,4		25	84	40	9,4
A1148-9.5	9,5		25	84	40	9,5
A1148-3/8IN	9,525	3/8"	27	89	43	9,525
A1148-LET.V	9,576	Let. V	27	89	43	9,576
A1148-9.6	9,6		27	89	43	9,6
A1148-9.7	9,7		27	89	43	9,7
A1148-9.8	9,8		27	89	43	9,8
A1148-LET.W	9,804	Let. W	27	89	43	9,804
A1148-9.9	9,9		27	89	43	9,9
A1148-25/64IN	9,922	25/64"	27	89	43	9,922
A1148-10	10		27	89	43	10
A1148-LET.X	10,084	Let. X	27	89	43	10,084
A1148-10.2	10,2		27	89	43	10,2
A1148-LET.Y	10,262	Let. Y	27	89	43	10,262
A1148-13/32IN	10,319	13/32"	27	89	43	10,319
A1148-LET.Z	10,49	Let. Z	27	89	43	10,49
A1148-10.5	10,5		27	89	43	10,5
A1148-27/64IN	10,716	27/64"	29	95	47	10,716
A1148-10.8	10,8		29	95	47	10,8
A1148-11	11		29	95	47	11
A1148-7/16IN	11,113	7/16"	29	95	47	11,113
A1148-11.2	11,2		29	95	47	11,2
A1148-11.5	11,5		29	95	47	11,5
A1148-29/64IN	11,509	29/64"	29	95	47	11,509
A1148-11.8	11,8		29	95	47	11,8
A1148-15/32IN	11,906	15/32"	37	102	51	11,906
A1148-12	12		37	102	51	12
A1148-31/64IN	12,303	31/64"	37	102	51	12,303
A1148-12.5	12,5		37	102	51	12,5
A1148-1/2IN	12,7	1/2"	37	102	51	12,7
A1148-12.8	12,8		37	102	51	12,8
A1148-13	13		37	102	51	13
A1148-33/64IN	13,097		37	102	51	13,097
A1148-13.3	13,3		40	107	54	13,3
A1148-17/32IN	13,494	17/32"	40	107	54	13,494
A1148-13.5	13,5		40	107	54	13,5
A1148-35/64IN	13,891		40	107	54	13,891
A1148-14	14		40	107	54	14
A1148-9/16IN	14,288	9/16"	41	111	56	14,288
A1148-14.5	14,5		41	111	56	14,5
A1148-37/64IN	14,684	37/64"	41	111	56	14,684
A1148-15	15		41	111	56	15

Tool



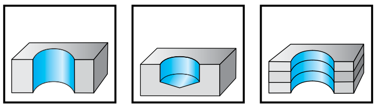
Cylindrical shank

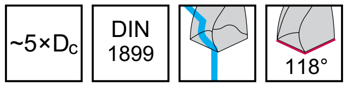
Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1148-19/32IN	15,081	19/32"	42	115	58	15,081
A1148-15.3	15,3		42	115	58	15,3
A1148-39/64IN	15,478	39/64"	42	115	58	15,478
A1148-15.5	15,5		42	115	58	15,5
A1148-5/8IN	15,875	5/8"	42	115	58	15,875
A1148-16	16		42	115	58	16
A1148-41/64IN	16,272		43	119	60	16,272
A1148-16.5	16,5		43	119	60	16,5
A1148-21/32IN	16,669		43	119	60	16,669
A1148-17	17		43	119	60	17
A1148-43/64IN	17,066		44	123	62	17,066
A1148-11/16IN	17,463		44	123	62	17,463
A1148-17.5	17,5		44	123	62	17,5
A1148-45/64IN	17,859	45/64"	44	123	62	17,859
A1148-18	18		44	123	62	18
A1148-23/32IN	18,256	23/32"	45	127	64	18,256
A1148-18.5	18,5		45	127	64	18,5
A1148-47/64IN	18,653	47/64"	45	127	64	18,653
A1148-19	19		45	127	64	19
A1148-3/4IN	19,05	3/4"	46	131	66	19,05
A1148-19.5	19,5		46	131	66	19,5
A1148-20	20		46	131	66	20

B1

HSS-E micro drills
A3143

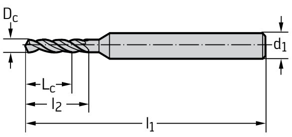
– Type ESU





	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●●		●

Tool



Cylindrical shank

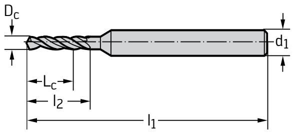
Designation	0-0,004	Lc mm	l1 mm	l2 mm	h8
A3143-0.05	0,05	0,2	25	0,3	1
A3143-0.06	0,06	0,2	25	0,3	1
A3143-0.07	0,07	0,2	25	0,4	1
A3143-0.08	0,08	0,2	25	0,4	1
A3143-0.09	0,09	0,2	25	0,4	1
A3143-0.1	0,1	0,3	25	0,5	1
A3143-0.11	0,11	0,3	25	0,5	1
A3143-0.12	0,12	0,3	25	0,5	1
A3143-0.13	0,13	0,5	25	0,8	1
A3143-0.14	0,14	0,5	25	0,8	1
A3143-0.15	0,15	0,5	25	0,8	1
A3143-0.16	0,16	0,8	25	1,1	1
A3143-0.17	0,17	0,8	25	1,1	1
A3143-0.18	0,18	0,8	25	1,1	1
A3143-0.19	0,19	0,8	25	1,1	1
A3143-0.2	0,2	1,1	25	1,5	1
A3143-0.21	0,21	1,1	25	1,5	1
A3143-0.22	0,22	1,1	25	1,5	1
A3143-0.23	0,23	1,1	25	1,5	1
A3143-0.24	0,24	1,1	25	1,5	1
A3143-0.25	0,25	1,4	25	1,9	1
A3143-0.26	0,26	1,4	25	1,9	1
A3143-0.27	0,27	1,4	25	1,9	1
A3143-0.28	0,28	1,4	25	1,9	1
A3143-0.29	0,29	1,4	25	1,9	1
A3143-0.3	0,3	1,4	25	1,9	1
A3143-0.31	0,31	1,8	25	2,4	1
A3143-0.32	0,32	1,8	25	2,4	1
A3143-0.33	0,33	1,8	25	2,4	1
A3143-0.34	0,34	1,8	25	2,4	1
A3143-0.35	0,35	1,8	25	2,4	1
A3143-0.36	0,36	1,8	25	2,4	1
A3143-0.37	0,37	1,8	25	2,4	1
A3143-0.38	0,38	1,8	25	2,4	1
A3143-0.39	0,39	2,2	25	3	1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

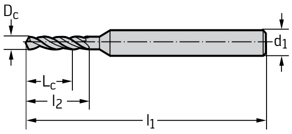
Tool



Cylindrical shank

Designation	0-0,004	L_c mm	l_1 mm	l_2 mm	h8
A3143-0.4	0,4	2,2	25	3	1
A3143-0.41	0,41	2,2	25	3	1
A3143-0.42	0,42	2,2	25	3	1
A3143-0.43	0,43	2,2	25	3	1
A3143-0.44	0,44	2,2	25	3	1
A3143-0.45	0,45	2,2	25	3	1
A3143-0.46	0,46	2,2	25	3	1
A3143-0.47	0,47	2,2	25	3	1
A3143-0.48	0,48	2,2	25	3	1
A3143-0.49	0,49	2,6	25	3,4	1
A3143-0.5	0,5	2,6	25	3,4	1
A3143-0.51	0,51	2,6	25	3,4	1
A3143-0.52	0,52	2,6	25	3,4	1
A3143-0.53	0,53	2,6	25	3,4	1
A3143-0.54	0,54	3	25	3,9	1
A3143-0.55	0,55	3	25	3,9	1
A3143-0.56	0,56	3	25	3,9	1
A3143-0.57	0,57	3	25	3,9	1
A3143-0.58	0,58	3	25	3,9	1
A3143-0.59	0,59	3	25	3,9	1
A3143-0.6	0,6	3	25	3,9	1
A3143-0.61	0,61	3,1	25	4,2	1
A3143-0.62	0,62	3,1	25	4,2	1
A3143-0.63	0,63	3,1	25	4,2	1
A3143-0.64	0,64	3,1	25	4,2	1
A3143-0.65	0,65	3,1	25	4,2	1
A3143-0.66	0,66	3,1	25	4,2	1
A3143-0.67	0,67	3,1	25	4,2	1
A3143-0.68	0,68	3,6	25	4,8	1
A3143-0.69	0,69	3,6	25	4,8	1
A3143-0.7	0,7	3,6	25	4,8	1
A3143-0.71	0,71	3,6	25	4,8	1
A3143-0.72	0,72	3,6	25	4,8	1
A3143-0.73	0,73	3,6	25	4,8	1
A3143-0.74	0,74	3,6	25	4,8	1
A3143-0.75	0,75	3,6	25	4,8	1
A3143-0.76	0,76	4,1	25	5,3	1
A3143-0.77	0,77	4,1	25	5,3	1
A3143-0.78	0,78	4,1	25	5,3	1
A3143-0.79	0,79	4,1	25	5,3	1
A3143-0.8	0,8	4	25	5,3	1,5
A3143-0.81	0,81	4	25	5,3	1,5
A3143-0.82	0,82	4	25	5,3	1,5
A3143-0.83	0,83	4	25	5,3	1,5
A3143-0.84	0,84	4	25	5,3	1,5
A3143-0.85	0,85	4	25	5,3	1,5
A3143-0.86	0,86	4,5	25	6	1,5
A3143-0.87	0,87	4,5	25	6	1,5

Tool

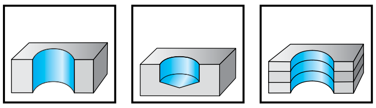


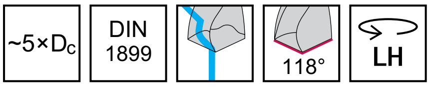
Cylindrical shank

Designation	0-0,004	Lc mm	l1 mm	l2 mm	h8
A3143-0.88	0,88	4,5	25	6	1,5
A3143-0.89	0,89	4,5	25	6	1,5
A3143-0.9	0,9	4,5	25	6	1,5
A3143-0.91	0,91	4,5	25	6	1,5
A3143-0.92	0,92	4,5	25	6	1,5
A3143-0.93	0,93	4,5	25	6	1,5
A3143-0.94	0,94	4,5	25	6	1,5
A3143-0.95	0,95	4,5	25	6	1,5
A3143-0.96	0,96	5	25	6,8	1,5
A3143-0.97	0,97	5	25	6,8	1,5
A3143-0.98	0,98	5	25	6,8	1,5
A3143-0.99	0,99	5	25	6,8	1,5
A3143-1	1	5	25	6,8	1,5
A3143-1.05	1,05	5	25	6,8	1,5
A3143-1.1	1,1	5	25	7,6	1,5
A3143-1.15	1,15	5	25	7,6	1,5
A3143-1.2	1,2	6	25	8,5	1,5
A3143-1.25	1,25	6	25	8,5	1,5
A3143-1.3	1,3	6	25	8,5	1,5
A3143-1.35	1,35	7	25	9,5	1,5
A3143-1.4	1,4	7	25	9,5	1,5
A3143-1.45	1,45	7	25	9,5	1,5

HSS-E micro drills
A3153

– Type ESU

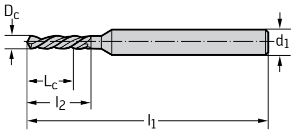




	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●●		●

B1

Tool



Cylindrical shank

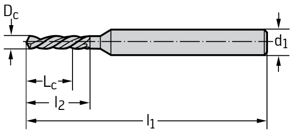
Designation	0-0,004	L_c mm	l_1 mm	l_2 mm	h8
A3153-0.15	0,15	0,5	25	0,8	1
A3153-0.17	0,17	0,8	25	1,1	1
A3153-0.18	0,18	0,8	25	1,1	1
A3153-0.19	0,19	0,8	25	1,1	1
A3153-0.2	0,2	1,1	25	1,5	1
A3153-0.21	0,21	1,1	25	1,5	1
A3153-0.23	0,23	1,1	25	1,5	1
A3153-0.24	0,24	1,1	25	1,5	1
A3153-0.25	0,25	1,4	25	1,9	1
A3153-0.26	0,26	1,4	25	1,9	1
A3153-0.27	0,27	1,4	25	1,9	1
A3153-0.28	0,28	1,4	25	1,9	1
A3153-0.3	0,3	1,4	25	1,9	1
A3153-0.31	0,31	1,8	25	2,4	1
A3153-0.32	0,32	1,8	25	2,4	1
A3153-0.33	0,33	1,8	25	2,4	1
A3153-0.34	0,34	1,8	25	2,4	1
A3153-0.35	0,35	1,8	25	2,4	1
A3153-0.37	0,37	1,8	25	2,4	1
A3153-0.38	0,38	1,8	25	2,4	1
A3153-0.4	0,4	2,2	25	3	1
A3153-0.41	0,41	2,2	25	3	1
A3153-0.43	0,43	2,2	25	3	1
A3153-0.45	0,45	2,2	25	3	1
A3153-0.47	0,47	2,2	25	3	1
A3153-0.48	0,48	2,2	25	3	1
A3153-0.49	0,49	2,6	25	3,4	1
A3153-0.5	0,5	2,6	25	3,4	1
A3153-0.52	0,52	2,6	25	3,4	1
A3153-0.53	0,53	2,6	25	3,4	1
A3153-0.54	0,54	3	25	3,9	1
A3153-0.55	0,55	3	25	3,9	1
A3153-0.56	0,56	3	25	3,9	1
A3153-0.57	0,57	3	25	3,9	1
A3153-0.58	0,58	3	25	3,9	1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool



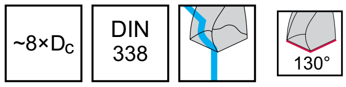
Cylindrical shank

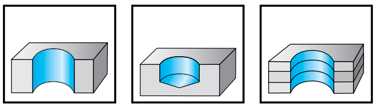
Designation	0-0,004	L_c mm	l_1 mm	l_2 mm	h8
A3153-0.59	0,59	3	25	3,9	1
A3153-0.6	0,6	3	25	3,9	1
A3153-0.61	0,61	3,1	25	4,2	1
A3153-0.62	0,62	3,1	25	4,2	1
A3153-0.63	0,63	3,1	25	4,2	1
A3153-0.65	0,65	3,1	25	4,2	1
A3153-0.67	0,67	3,1	25	4,2	1
A3153-0.68	0,68	3,6	25	4,8	1
A3153-0.7	0,7	3,6	25	4,8	1
A3153-0.72	0,72	3,6	25	4,8	1
A3153-0.73	0,73	3,6	25	4,8	1
A3153-0.74	0,74	3,6	25	4,8	1
A3153-0.75	0,75	3,6	25	4,8	1
A3153-0.76	0,76	4,1	25	5,3	1
A3153-0.77	0,77	4,1	25	5,3	1
A3153-0.78	0,78	4,1	25	5,3	1
A3153-0.8	0,8	4	25	5,3	1,5
A3153-0.82	0,82	4	25	5,3	1,5
A3153-0.83	0,83	4	25	5,3	1,5
A3153-0.84	0,84	4	25	5,3	1,5
A3153-0.85	0,85	4	25	5,3	1,5
A3153-0.87	0,87	4,5	25	6	1,5
A3153-0.89	0,89	4,5	25	6	1,5
A3153-0.9	0,9	4,5	25	6	1,5
A3153-0.91	0,91	4,5	25	6	1,5
A3153-0.92	0,92	4,5	25	6	1,5
A3153-0.93	0,93	4,5	25	6	1,5
A3153-0.94	0,94	4,5	25	6	1,5
A3153-0.95	0,95	4,5	25	6	1,5
A3153-0.96	0,96	5	25	6,8	1,5
A3153-0.97	0,97	5	25	6,8	1,5
A3153-0.98	0,98	5	25	6,8	1,5
A3153-1	1	5	25	6,8	1,5
A3153-1.05	1,05	5	25	6,8	1,5
A3153-1.1	1,1	5	25	7,6	1,5
A3153-1.15	1,15	5	25	7,6	1,5
A3153-1.2	1,2	6	25	8,5	1,5
A3153-1.3	1,3	6	25	8,5	1,5
A3153-1.4	1,4	7	25	9,5	1,5

HSS-E deep-hole drills

A1249XPL

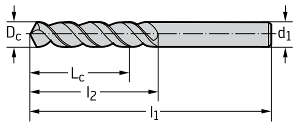
UFL®





	P	M	K	N	S	H	O
XPL	●●	●●	●●	●●	●		●

Tool



Cylindrical shank

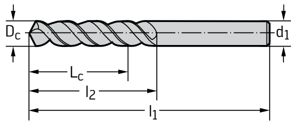
Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1249XPL-1	1		10	34	12	1
A1249XPL-N060	1,016	No. 60	10	34	12	1,016
A1249XPL-N059	1,041	No. 59	10	34	12	1,041
A1249XPL-N058	1,067	No. 58	12	36	14	1,067
A1249XPL-N057	1,092	No. 57	12	36	14	1,092
A1249XPL-1.1	1,1		12	36	14	1,1
A1249XPL-N056	1,181	No. 56	14	38	16	1,181
A1249XPL-3/64IN	1,191	3/64"	14	38	16	1,191
A1249XPL-1.2	1,2		14	38	16	1,2
A1249XPL-1.3	1,3		14	38	16	1,3
A1249XPL-N055	1,321	No. 55	15	40	18	1,321
A1249XPL-N054	1,397	No. 54	15	40	18	1,397
A1249XPL-1.4	1,4		15	40	18	1,4
A1249XPL-1.5	1,5		15	40	18	1,5
A1249XPL-N053	1,511	No. 53	17	43	20	1,511
A1249XPL-1/16IN	1,588	1/16"	17	43	20	1,588
A1249XPL-1.6	1,6		17	43	20	1,6
A1249XPL-N052	1,613	No. 52	17	43	20	1,613
A1249XPL-1.7	1,7		17	43	20	1,7
A1249XPL-N051	1,702	No. 51	19	46	22	1,702
A1249XPL-N050	1,778	No. 50	19	46	22	1,778
A1249XPL-1.8	1,8		19	46	22	1,8
A1249XPL-N049	1,854	No. 49	19	46	22	1,854
A1249XPL-1.9	1,9		19	46	22	1,9
A1249XPL-N048	1,93	No. 48	20	49	24	1,93
A1249XPL-5/64IN	1,984	5/64"	20	49	24	1,984
A1249XPL-N047	1,994	No. 47	20	49	24	1,994
A1249XPL-2	2		20	49	24	2
A1249XPL-N046	2,057	No. 46	20	49	24	2,057
A1249XPL-N045	2,083	No. 45	20	49	24	2,083
A1249XPL-2.1	2,1		20	49	24	2,1
A1249XPL-N044	2,184	No. 44	23	53	27	2,184
A1249XPL-2.2	2,2		23	53	27	2,2
A1249XPL-N043	2,261	No. 43	23	53	27	2,261
A1249XPL-2.3	2,3		23	53	27	2,3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

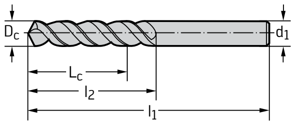
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1249XPL-NO42	2,375	No. 42	26	57	30	2,375
A1249XPL-3/32IN	2,381	3/32"	26	57	30	2,381
A1249XPL-2.4	2,4		26	57	30	2,4
A1249XPL-NO41	2,438	No. 41	26	57	30	2,438
A1249XPL-NO40	2,489	No. 40	26	57	30	2,489
A1249XPL-2.5	2,5		26	57	30	2,5
A1249XPL-NO39	2,527	No. 39	26	57	30	2,527
A1249XPL-NO38	2,578	No. 38	26	57	30	2,578
A1249XPL-2.6	2,6		26	57	30	2,6
A1249XPL-NO37	2,642	No. 37	26	57	30	2,642
A1249XPL-2.7	2,7		28	61	33	2,7
A1249XPL-NO36	2,705	No. 36	28	61	33	2,705
A1249XPL-7/64IN	2,778	7/64"	28	61	33	2,778
A1249XPL-NO35	2,794	No. 35	28	61	33	2,794
A1249XPL-2.8	2,8		28	61	33	2,8
A1249XPL-NO34	2,819	No. 34	28	61	33	2,819
A1249XPL-NO33	2,87	No. 33	28	61	33	2,87
A1249XPL-2.9	2,9		28	61	33	2,9
A1249XPL-NO32	2,946	No. 32	28	61	33	2,946
A1249XPL-3	3		28	61	33	3
A1249XPL-NO31	3,048	No. 31	30	65	36	3,048
A1249XPL-3.1	3,1		30	65	36	3,1
A1249XPL-1/8IN	3,175	1/8"	30	65	36	3,175
A1249XPL-3.2	3,2		30	65	36	3,2
A1249XPL-NO30	3,264	No. 30	30	65	36	3,264
A1249XPL-3.3	3,3		30	65	36	3,3
A1249XPL-3.4	3,4		33	70	39	3,4
A1249XPL-NO29	3,454	No. 29	33	70	39	3,454
A1249XPL-3.5	3,5		33	70	39	3,5
A1249XPL-NO28	3,569	No. 28	33	70	39	3,569
A1249XPL-9/64IN	3,572	9/64"	33	70	39	3,572
A1249XPL-3.6	3,6		33	70	39	3,6
A1249XPL-NO27	3,658	No. 27	33	70	39	3,658
A1249XPL-3.7	3,7		33	70	39	3,7
A1249XPL-NO26	3,734	No. 26	33	70	39	3,734
A1249XPL-NO25	3,797	No. 25	36	75	43	3,797
A1249XPL-3.8	3,8		36	75	43	3,8
A1249XPL-NO24	3,861	No. 24	36	75	43	3,861
A1249XPL-3.9	3,9		36	75	43	3,9
A1249XPL-NO23	3,912	No. 23	36	75	43	3,912
A1249XPL-5/32IN	3,969	5/32"	36	75	43	3,969
A1249XPL-NO22	3,988	No. 22	36	75	43	3,988
A1249XPL-4	4		36	75	43	4
A1249XPL-NO21	4,039	No. 21	36	75	43	4,039
A1249XPL-NO20	4,089	No. 20	36	75	43	4,089
A1249XPL-4.1	4,1		36	75	43	4,1
A1249XPL-4.2	4,2		36	75	43	4,2
A1249XPL-NO19	4,216	No. 19	36	75	43	4,216

Tool

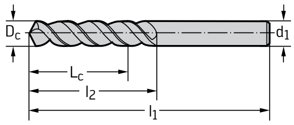


Cylindrical shank

B1

Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1249XPL-4.3	4,3		39	80	47	4,3
A1249XPL-NO18	4,305	No. 18	39	80	47	4,305
A1249XPL-11/64IN	4,366	11/64"	39	80	47	4,366
A1249XPL-NO17	4,394	No. 17	39	80	47	4,394
A1249XPL-4.4	4,4		39	80	47	4,4
A1249XPL-NO16	4,496	No. 16	39	80	47	4,496
A1249XPL-4.5	4,5		39	80	47	4,5
A1249XPL-NO15	4,572	No. 15	39	80	47	4,572
A1249XPL-4.6	4,6		39	80	47	4,6
A1249XPL-NO14	4,623	No. 14	39	80	47	4,623
A1249XPL-4.65	4,65		39	80	47	4,65
A1249XPL-NO13	4,699	No. 13	39	80	47	4,699
A1249XPL-4.7	4,7		39	80	47	4,7
A1249XPL-3/16IN	4,763	3/16"	44	86	52	4,763
A1249XPL-4.8	4,8		44	86	52	4,8
A1249XPL-NO12	4,801	No. 12	44	86	52	4,801
A1249XPL-NO11	4,851	No. 11	44	86	52	4,851
A1249XPL-4.9	4,9		44	86	52	4,9
A1249XPL-NO10	4,915	No. 10	44	86	52	4,915
A1249XPL-NO9	4,978	No. 09	44	86	52	4,978
A1249XPL-5	5		44	86	52	5
A1249XPL-NO8	5,055	No. 08	44	86	52	5,055
A1249XPL-5.1	5,1		44	86	52	5,1
A1249XPL-NO7	5,105	No. 07	44	86	52	5,105
A1249XPL-13/64IN	5,159	13/64"	44	86	52	5,159
A1249XPL-NO6	5,182	No. 06	44	86	52	5,182
A1249XPL-5.2	5,2		44	86	52	5,2
A1249XPL-NO5	5,22	No. 05	44	86	52	5,22
A1249XPL-5.3	5,3		44	86	52	5,3
A1249XPL-NO4	5,309	No. 04	48	93	57	5,309
A1249XPL-5.4	5,4		48	93	57	5,4
A1249XPL-NO3	5,41	No. 03	48	93	57	5,41
A1249XPL-5.5	5,5		48	93	57	5,5
A1249XPL-5.55	5,55		48	93	57	5,55
A1249XPL-7/32IN	5,556	7/32"	48	93	57	5,556
A1249XPL-5.6	5,6		48	93	57	5,6
A1249XPL-NO2	5,613	No. 02	48	93	57	5,613
A1249XPL-5.7	5,7		48	93	57	5,7
A1249XPL-NO1	5,791	No. 01	48	93	57	5,791
A1249XPL-5.8	5,8		48	93	57	5,8
A1249XPL-5.9	5,9		48	93	57	5,9
A1249XPL-15/64IN	5,953	15/64"	48	93	57	5,953
A1249XPL-6	6		48	93	57	6
A1249XPL-6.1	6,1		52	101	63	6,1
A1249XPL-6.2	6,2		52	101	63	6,2
A1249XPL-6.3	6,3		52	101	63	6,3
A1249XPL-1/4IN	6,35	1/4"	52	101	63	6,35
A1249XPL-6.4	6,4		52	101	63	6,4

Tool



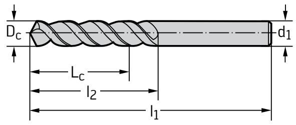
Cylindrical shank

Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1249XPL-6.5	6,5		52	101	63	6,5
A1249XPL-6.6	6,6		52	101	63	6,6
A1249XPL-6.7	6,7		52	101	63	6,7
A1249XPL-17/64IN	6,747	17/64"	57	109	69	6,747
A1249XPL-6.8	6,8		57	109	69	6,8
A1249XPL-6.9	6,9		57	109	69	6,9
A1249XPL-7	7		57	109	69	7
A1249XPL-7.1	7,1		57	109	69	7,1
A1249XPL-9/32IN	7,144	9/32"	57	109	69	7,144
A1249XPL-7.2	7,2		57	109	69	7,2
A1249XPL-7.3	7,3		57	109	69	7,3
A1249XPL-7.4	7,4		57	109	69	7,4
A1249XPL-7.5	7,5		57	109	69	7,5
A1249XPL-19/64IN	7,541	19/64"	62	117	75	7,541
A1249XPL-7.6	7,6		62	117	75	7,6
A1249XPL-7.7	7,7		62	117	75	7,7
A1249XPL-7.8	7,8		62	117	75	7,8
A1249XPL-7.9	7,9		62	117	75	7,9
A1249XPL-5/16IN	7,938	5/16"	62	117	75	7,938
A1249XPL-8	8		62	117	75	8
A1249XPL-8.1	8,1		62	117	75	8,1
A1249XPL-8.2	8,2		62	117	75	8,2
A1249XPL-8.3	8,3		62	117	75	8,3
A1249XPL-21/64IN	8,334	21/64"	62	117	75	8,334
A1249XPL-8.4	8,4		62	117	75	8,4
A1249XPL-8.5	8,5		62	117	75	8,5
A1249XPL-8.6	8,6		66	125	81	8,6
A1249XPL-8.7	8,7		66	125	81	8,7
A1249XPL-11/32IN	8,731	11/32"	66	125	81	8,731
A1249XPL-8.8	8,8		66	125	81	8,8
A1249XPL-8.9	8,9		66	125	81	8,9
A1249XPL-9	9		66	125	81	9
A1249XPL-9.1	9,1		66	125	81	9,1
A1249XPL-23/64IN	9,128	23/64"	66	125	81	9,128
A1249XPL-9.2	9,2		66	125	81	9,2
A1249XPL-9.3	9,3		66	125	81	9,3
A1249XPL-9.4	9,4		66	125	81	9,4
A1249XPL-9.5	9,5		66	125	81	9,5
A1249XPL-3/8IN	9,525	3/8"	71	133	87	9,525
A1249XPL-9.6	9,6		71	133	87	9,6
A1249XPL-9.7	9,7		71	133	87	9,7
A1249XPL-9.8	9,8		71	133	87	9,8
A1249XPL-9.9	9,9		71	133	87	9,9
A1249XPL-25/64IN	9,922	25/64"	71	133	87	9,922
A1249XPL-10	10		71	133	87	10
A1249XPL-10.2	10,2		71	133	87	10,2
A1249XPL-13/32IN	10,319	13/32"	71	133	87	10,319
A1249XPL-10.5	10,5		71	133	87	10,5

B1

B1

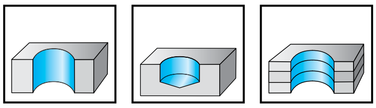
Tool



Cylindrical shank

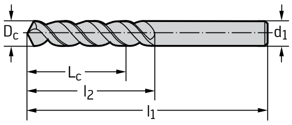
Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1249XPL-27/64IN	10,716	27/64"	76	142	94	10,716
A1249XPL-11	11		76	142	94	11
A1249XPL-7/16IN	11,113	7/16"	76	142	94	11,113
A1249XPL-11.2	11,2		76	142	94	11,2
A1249XPL-11.3	11,3		76	142	94	11,3
A1249XPL-11.5	11,5		76	142	94	11,5
A1249XPL-29/64IN	11,509	29/64"	76	142	94	11,509
A1249XPL-15/32IN	11,906	15/32"	87	151	101	11,906
A1249XPL-12	12		87	151	101	12
A1249XPL-31/64IN	12,303	31/64"	87	151	101	12,303
A1249XPL-12.5	12,5		87	151	101	12,5
A1249XPL-1/2IN	12,7	1/2"	87	151	101	12,7
A1249XPL-13	13		87	151	101	13
A1249XPL-13.1	13,1		87	151	101	13,1
A1249XPL-13.3	13,3		94	160	108	13,3
A1249XPL-13.5	13,5		94	160	108	13,5
A1249XPL-14	14		94	160	108	14
A1249XPL-14.5	14,5		99	169	114	14,5
A1249XPL-15	15		99	169	114	15
A1249XPL-15.1	15,1		104	178	120	15,1
A1249XPL-15.3	15,3		104	178	120	15,3
A1249XPL-15.5	15,5		104	178	120	15,5
A1249XPL-16	16		104	178	120	16
A1249XPL-16.5	16,5		108	184	125	16,5
A1249XPL-17	17		108	184	125	17
A1249XPL-17.5	17,5		112	191	130	17,5
A1249XPL-18	18		112	191	130	18
A1249XPL-18.5	18,5		116	198	135	18,5
A1249XPL-19	19		116	198	135	19
A1249XPL-19.5	19,5		120	205	140	19,5
A1249XPL-20	20		120	205	140	20

HSS-E deep-hole drills
A1254TFT
VA Inox



	P	M	K	N	S	H	O
TFT	●	●●		●●	●		●

Tool



Cylindrical shank

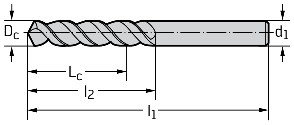
Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1254TFT-3	3	28	61	33	3
A1254TFT-3.2	3,2	30	65	36	3,2
A1254TFT-3.3	3,3	30	65	36	3,3
A1254TFT-3.4	3,4	33	70	39	3,4
A1254TFT-3.5	3,5	33	70	39	3,5
A1254TFT-3.7	3,7	33	70	39	3,7
A1254TFT-3.8	3,8	36	75	43	3,8
A1254TFT-4	4	36	75	43	4
A1254TFT-4.2	4,2	36	75	43	4,2
A1254TFT-4.3	4,3	39	80	47	4,3
A1254TFT-4.5	4,5	39	80	47	4,5
A1254TFT-4.65	4,65	39	80	47	4,65
A1254TFT-4.7	4,7	39	80	47	4,7
A1254TFT-4.8	4,8	44	86	52	4,8
A1254TFT-5	5	44	86	52	5
A1254TFT-5.1	5,1	44	86	52	5,1
A1254TFT-5.3	5,3	44	86	52	5,3
A1254TFT-5.5	5,5	48	93	57	5,5
A1254TFT-5.55	5,55	48	93	57	5,55
A1254TFT-5.6	5,6	48	93	57	5,6
A1254TFT-5.8	5,8	48	93	57	5,8
A1254TFT-6	6	48	93	57	6
A1254TFT-6.5	6,5	52	101	63	6,5
A1254TFT-6.6	6,6	52	101	63	6,6
A1254TFT-6.8	6,8	57	109	69	6,8
A1254TFT-6.9	6,9	57	109	69	6,9
A1254TFT-7	7	57	109	69	7
A1254TFT-7.4	7,4	57	109	69	7,4
A1254TFT-7.5	7,5	57	109	69	7,5
A1254TFT-7.8	7,8	62	117	75	7,8
A1254TFT-8	8	62	117	75	8
A1254TFT-8.5	8,5	62	117	75	8,5
A1254TFT-8.6	8,6	66	125	81	8,6
A1254TFT-8.8	8,8	66	125	81	8,8
A1254TFT-9	9	66	125	81	9

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool

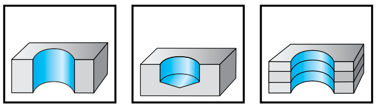


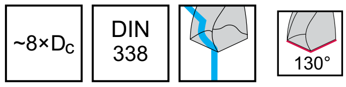
Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1254TFT-9.3	9,3	66	125	81	9,3
A1254TFT-9.4	9,4	66	125	81	9,4
A1254TFT-9.5	9,5	66	125	81	9,5
A1254TFT-9.8	9,8	71	133	87	9,8
A1254TFT-10	10	71	133	87	10
A1254TFT-10.2	10,2	71	133	87	10,2
A1254TFT-10.3	10,3	71	133	87	10,3
A1254TFT-10.5	10,5	71	133	87	10,5
A1254TFT-11	11	76	142	94	11
A1254TFT-11.2	11,2	76	142	94	11,2
A1254TFT-11.3	11,3	76	142	94	11,3
A1254TFT-11.5	11,5	76	142	94	11,5
A1254TFT-11.8	11,8	76	142	94	11,8
A1254TFT-12	12	87	151	101	12
A1254TFT-12.1	12,1	87	151	101	12,1
A1254TFT-12.5	12,5	87	151	101	12,5
A1254TFT-13	13	87	151	101	13
A1254TFT-13.2	13,2	87	151	101	13,2
A1254TFT-13.5	13,5	94	160	108	13,5
A1254TFT-14	14	94	160	108	14
A1254TFT-14.1	14,1	99	169	114	14,1
A1254TFT-14.2	14,2	99	169	114	14,2
A1254TFT-14.5	14,5	99	169	114	14,5
A1254TFT-15	15	99	169	114	15
A1254TFT-15.1	15,1	104	178	120	15,1
A1254TFT-15.2	15,2	104	178	120	15,2
A1254TFT-15.5	15,5	104	178	120	15,5
A1254TFT-16	16	104	178	120	16

HSS-E twist drills
A1247
Alpha® XE

– Uncoated up to 1.9 mm





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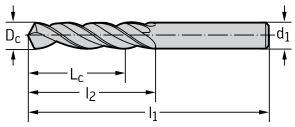
	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●

Tool



Cylindrical shank

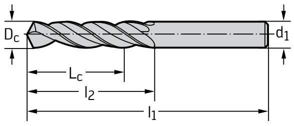
Designation	h8	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	f11
A1247-1	1		10	34	12	1
A1247-N060	1,016	No. 60	10	34	12	1,016
A1247-N059	1,041	No. 59	10	34	12	1,041
A1247-N058	1,067	No. 58	12	36	14	1,067
A1247-N057	1,092	No. 57	12	36	14	1,092
A1247-1.1	1,1		12	36	14	1,1
A1247-N056	1,181	No. 56	14	38	16	1,181
A1247-3/64IN	1,191	3/64"	14	38	16	1,191
A1247-1.2	1,2		14	38	16	1,2
A1247-1.25	1,25		14	38	16	1,25
A1247-1.3	1,3		14	38	16	1,3
A1247-N055	1,321	No. 55	15	40	18	1,321
A1247-N054	1,397	No. 54	15	40	18	1,397
A1247-1.4	1,4		15	40	18	1,4
A1247-1.5	1,5		15	40	18	1,5
A1247-N053	1,511	No. 53	17	43	20	1,511
A1247-1/16IN	1,588	1/16"	17	43	20	1,588
A1247-1.6	1,6		17	43	20	1,6
A1247-N052	1,613	No. 52	17	43	20	1,613
A1247-1.7	1,7		17	43	20	1,7
A1247-N051	1,702	No. 51	19	46	22	1,702
A1247-N050	1,778	No. 50	19	46	22	1,778
A1247-1.8	1,8		19	46	22	1,8
A1247-N049	1,854	No. 49	19	46	22	1,854
A1247-1.9	1,9		19	46	22	1,9
A1247-N048	1,93	No. 48	20	49	24	1,93
A1247-5/64IN	1,984	5/64"	20	49	24	1,984
A1247-N047	1,994	No. 47	20	49	24	1,994
A1247-2	2		20	49	24	2
A1247-N046	2,057	No. 46	20	49	24	2,057
A1247-N045	2,083	No. 45	20	49	24	2,083
A1247-2.1	2,1		20	49	24	2,1
A1247-N044	2,184	No. 44	23	53	27	2,184
A1247-2.2	2,2		23	53	27	2,2
A1247-N043	2,261	No. 43	23	53	27	2,261

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

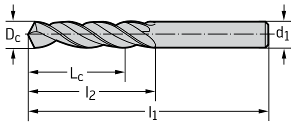
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1247-2.3	2,3		23	53	27	2,3
A1247-NO42	2,375	No. 42	26	57	30	2,375
A1247-3/32IN	2,381	3/32"	26	57	30	2,381
A1247-2.4	2,4		26	57	30	2,4
A1247-NO41	2,438	No. 41	26	57	30	2,438
A1247-NO40	2,489	No. 40	26	57	30	2,489
A1247-2.5	2,5		26	57	30	2,5
A1247-NO39	2,527	No. 39	26	57	30	2,527
A1247-NO38	2,578	No. 38	26	57	30	2,578
A1247-2.6	2,6		26	57	30	2,6
A1247-NO37	2,642	No. 37	26	57	30	2,642
A1247-2.7	2,7		28	61	33	2,7
A1247-NO36	2,705	No. 36	28	61	33	2,705
A1247-7/64IN	2,778	7/64"	28	61	33	2,778
A1247-NO35	2,794	No. 35	28	61	33	2,794
A1247-2.8	2,8		28	61	33	2,8
A1247-NO34	2,819	No. 34	28	61	33	2,819
A1247-NO33	2,87	No. 33	28	61	33	2,87
A1247-2.9	2,9		28	61	33	2,9
A1247-NO32	2,946	No. 32	28	61	33	2,946
A1247-3	3		28	61	33	3
A1247-NO31	3,048	No. 31	30	65	36	3,048
A1247-3.1	3,1		30	65	36	3,1
A1247-1/8IN	3,175	1/8"	30	65	36	3,175
A1247-3.2	3,2		30	65	36	3,2
A1247-NO30	3,264	No. 30	30	65	36	3,264
A1247-3.3	3,3		30	65	36	3,3
A1247-3.4	3,4		33	70	39	3,4
A1247-NO29	3,454	No. 29	33	70	39	3,454
A1247-3.5	3,5		33	70	39	3,5
A1247-NO28	3,569	No. 28	33	70	39	3,569
A1247-9/64IN	3,572	9/64"	33	70	39	3,572
A1247-3.6	3,6		33	70	39	3,6
A1247-NO27	3,658	No. 27	33	70	39	3,658
A1247-3.7	3,7		33	70	39	3,7
A1247-NO26	3,734	No. 26	33	70	39	3,734
A1247-NO25	3,797	No. 25	36	75	43	3,797
A1247-3.8	3,8		36	75	43	3,8
A1247-NO24	3,861	No. 24	36	75	43	3,861
A1247-3.9	3,9		36	75	43	3,9
A1247-NO23	3,912	No. 23	36	75	43	3,912
A1247-5/32IN	3,969	5/32"	36	75	43	3,969
A1247-NO22	3,988	No. 22	36	75	43	3,988
A1247-4	4		36	75	43	4
A1247-NO21	4,039	No. 21	36	75	43	4,039
A1247-NO20	4,089	No. 20	36	75	43	4,089
A1247-4.1	4,1		36	75	43	4,1
A1247-4.2	4,2		36	75	43	4,2

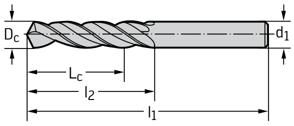
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1247-NO19	4,216	No. 19	36	75	43	4,216
A1247-4.3	4,3		39	80	47	4,3
A1247-NO18	4,305	No. 18	39	80	47	4,305
A1247-11/64IN	4,366	11/64"	39	80	47	4,366
A1247-NO17	4,394	No. 17	39	80	47	4,394
A1247-4.4	4,4		39	80	47	4,4
A1247-NO16	4,496	No. 16	39	80	47	4,496
A1247-4.5	4,5		39	80	47	4,5
A1247-NO15	4,572	No. 15	39	80	47	4,572
A1247-4.6	4,6		39	80	47	4,6
A1247-NO14	4,623	No. 14	39	80	47	4,623
A1247-NO13	4,699	No. 13	39	80	47	4,699
A1247-4.7	4,7		39	80	47	4,7
A1247-3/16IN	4,763	3/16"	44	86	52	4,763
A1247-4.8	4,8		44	86	52	4,8
A1247-NO12	4,801	No. 12	44	86	52	4,801
A1247-NO11	4,851	No. 11	44	86	52	4,851
A1247-4.9	4,9		44	86	52	4,9
A1247-NO10	4,915	No. 10	44	86	52	4,915
A1247-NO9	4,978	No. 09	44	86	52	4,978
A1247-5	5		44	86	52	5
A1247-NO8	5,055	No. 08	44	86	52	5,055
A1247-5.1	5,1		44	86	52	5,1
A1247-NO7	5,105	No. 07	44	86	52	5,105
A1247-13/64IN	5,159	13/64"	44	86	52	5,159
A1247-NO6	5,182	No. 06	44	86	52	5,182
A1247-5.2	5,2		44	86	52	5,2
A1247-NO5	5,22	No. 05	44	86	52	5,22
A1247-5.3	5,3		44	86	52	5,3
A1247-NO4	5,309	No. 04	48	93	57	5,309
A1247-5.4	5,4		48	93	57	5,4
A1247-NO3	5,41	No. 03	48	93	57	5,41
A1247-5.5	5,5		48	93	57	5,5
A1247-7/32IN	5,556	7/32"	48	93	57	5,556
A1247-5.6	5,6		48	93	57	5,6
A1247-NO2	5,613	No. 02	48	93	57	5,613
A1247-5.7	5,7		48	93	57	5,7
A1247-NO1	5,791	No. 01	48	93	57	5,791
A1247-5.8	5,8		48	93	57	5,8
A1247-5.9	5,9		48	93	57	5,9
A1247-15/64IN	5,953	15/64"	48	93	57	5,953
A1247-6	6		48	93	57	6
A1247-6.1	6,1		52	101	63	6,1
A1247-6.2	6,2		52	101	63	6,2
A1247-6.3	6,3		52	101	63	6,3
A1247-1/4IN	6,35	1/4"	52	101	63	6,35
A1247-6.4	6,4		52	101	63	6,4
A1247-6.5	6,5		52	101	63	6,5

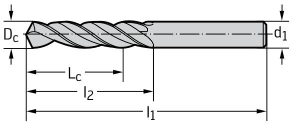
Tool



Cylindrical shank

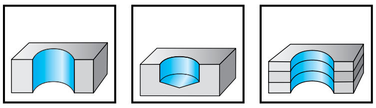
B 1

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1247-6.6	6,6		52	101	63	6,6
A1247-6.7	6,7		52	101	63	6,7
A1247-17/64IN	6,747	17/64"	57	109	69	6,747
A1247-6.8	6,8		57	109	69	6,8
A1247-6.9	6,9		57	109	69	6,9
A1247-7	7		57	109	69	7
A1247-7.1	7,1		57	109	69	7,1
A1247-9/32IN	7,144	9/32"	57	109	69	7,144
A1247-7.2	7,2		57	109	69	7,2
A1247-7.3	7,3		57	109	69	7,3
A1247-7.4	7,4		57	109	69	7,4
A1247-7.5	7,5		57	109	69	7,5
A1247-19/64IN	7,541	19/64"	62	117	75	7,541
A1247-7.6	7,6		62	117	75	7,6
A1247-7.7	7,7		62	117	75	7,7
A1247-7.8	7,8		62	117	75	7,8
A1247-7.9	7,9		62	117	75	7,9
A1247-5/16IN	7,938	5/16"	62	117	75	7,938
A1247-8	8		62	117	75	8
A1247-8.1	8,1		62	117	75	8,1
A1247-8.2	8,2		62	117	75	8,2
A1247-8.3	8,3		62	117	75	8,3
A1247-21/64IN	8,334	21/64"	62	117	75	8,334
A1247-8.4	8,4		62	117	75	8,4
A1247-8.5	8,5		62	117	75	8,5
A1247-8.6	8,6		66	125	81	8,6
A1247-8.7	8,7		66	125	81	8,7
A1247-11/32IN	8,731	11/32"	66	125	81	8,731
A1247-8.8	8,8		66	125	81	8,8
A1247-8.9	8,9		66	125	81	8,9
A1247-9	9		66	125	81	9
A1247-9.1	9,1		66	125	81	9,1
A1247-23/64IN	9,128	23/64"	66	125	81	9,128
A1247-9.2	9,2		66	125	81	9,2
A1247-9.3	9,3		66	125	81	9,3
A1247-9.4	9,4		66	125	81	9,4
A1247-9.5	9,5		66	125	81	9,5
A1247-3/8IN	9,525	3/8"	71	133	87	9,525
A1247-9.6	9,6		71	133	87	9,6
A1247-9.7	9,7		71	133	87	9,7
A1247-9.8	9,8		71	133	87	9,8
A1247-9.9	9,9		71	133	87	9,9
A1247-25/64IN	9,922	25/64"	71	133	87	9,922
A1247-10	10		71	133	87	10
A1247-10.2	10,2		71	133	87	10,2
A1247-13/32IN	10,319	13/32"	71	133	87	10,319
A1247-10.5	10,5		71	133	87	10,5
A1247-27/64IN	10,716	27/64"	76	142	94	10,716

Tool	Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
 Cylindrical shank	A1247-10.8	10,8		76	142	94	10,8
	A1247-11	11		76	142	94	11
	A1247-7/16IN	11,113	7/16"	76	142	94	11,113
	A1247-11.2	11,2		76	142	94	11,2
	A1247-11.5	11,5		76	142	94	11,5
	A1247-29/64IN	11,509	29/64"	76	142	94	11,509
	A1247-11.8	11,8		76	142	94	11,8
	A1247-15/32IN	11,906	15/32"	87	151	101	11,906
	A1247-12	12		87	151	101	12
	A1247-31/64IN	12,303	31/64"	87	151	101	12,303
	A1247-12.5	12,5		87	151	101	12,5
	A1247-1/2IN	12,7	1/2"	87	151	101	12,7
	A1247-13	13		87	151	101	13
	A1247-13.1	13,1		87	151	101	13,1
	A1247-13.3	13,3		94	160	108	13,3
	A1247-13.5	13,5		94	160	108	13,5
	A1247-14	14		94	160	108	14
	A1247-14.5	14,5		99	169	114	14,5
	A1247-15	15		99	169	114	15
	A1247-15.1	15,1		104	178	120	15,1
	A1247-15.3	15,3		104	178	120	15,3
	A1247-15.5	15,5		104	178	120	15,5
	A1247-16	16		104	178	120	16

HSS-E twist drills
A1244
VA

– Available as a set

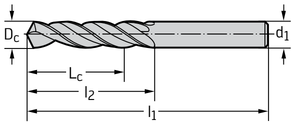


~8×Dc | DIN 338 | 130°

	P	M	K	N	S	H	O
uncoated	●	●●		●	●●		

B1

Tool



Cylindrical shank

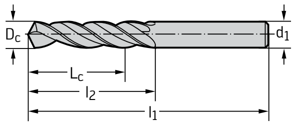
Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1244-0.3	0,3		2,5	19	3	0,3
A1244-N080	0,343		3,4	19	4	0,343
A1244-0.35	0,35		3,4	19	4	0,35
A1244-1/64IN	0,397		4,2	20	5	0,397
A1244-0.4	0,4		4,2	20	5	0,4
A1244-N078	0,406		4,2	20	5	0,406
A1244-0.45	0,45		4,2	20	5	0,45
A1244-N077	0,457		4,2	20	5	0,457
A1244-0.5	0,5		5,2	22	6	0,5
A1244-N076	0,508	No.76	5,2	22	6	0,508
A1244-N075	0,533		6,1	24	7	0,533
A1244-0.55	0,55		6,1	24	7	0,55
A1244-N074	0,572		6,1	24	7	0,572
A1244-0.6	0,6		6,1	24	7	0,6
A1244-N073	0,61		6,9	26	8	0,61
A1244-N072	0,635	No.72	6,9	26	8	0,635
A1244-0.65	0,65		6,9	26	8	0,65
A1244-N071	0,66		6,9	26	8	0,66
A1244-0.7	0,7		7,8	28	9	0,7
A1244-N070	0,711		7,8	28	9	0,711
A1244-N069	0,742		7,8	28	9	0,742
A1244-0.75	0,75		7,8	28	9	0,75
A1244-N068	0,787		8,7	30	10	0,787
A1244-1/32IN	0,794	1/32"	8,7	30	10	0,794
A1244-0.8	0,8		8,7	30	10	0,8
A1244-N067	0,813		8,7	30	10	0,813
A1244-N066	0,838		8,7	30	10	0,838
A1244-0.85	0,85		8,7	30	10	0,85
A1244-N065	0,889	No.65	9,5	32	11	0,889
A1244-0.9	0,9		9,5	32	11	0,9
A1244-N064	0,914		9,5	32	11	0,914
A1244-N063	0,94		9,5	32	11	0,94
A1244-0.95	0,95		9,5	32	11	0,95
A1244-N062	0,965		10	34	12	0,965
A1244-N061	0,991		10	34	12	0,991

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

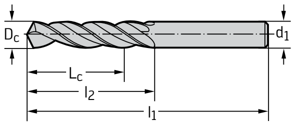


Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1244-1	1		10	34	12	1
A1244-NO60	1,016	No. 60	10	34	12	1,016
A1244-NO59	1,041	No. 59	10	34	12	1,041
A1244-1.05	1,05		10	34	12	1,05
A1244-NO58	1,067	No. 58	12	36	14	1,067
A1244-NO57	1,092	No. 57	12	36	14	1,092
A1244-1.1	1,1		12	36	14	1,1
A1244-1.15	1,15		12	36	14	1,15
A1244-NO56	1,181	No. 56	14	38	16	1,181
A1244-3/64IN	1,191	3/64"	14	38	16	1,191
A1244-1.2	1,2		14	38	16	1,2
A1244-1.25	1,25		14	38	16	1,25
A1244-1.3	1,3		14	38	16	1,3
A1244-NO55	1,321	No. 55	15	40	18	1,321
A1244-1.35	1,35		15	40	18	1,35
A1244-NO54	1,397	No. 54	15	40	18	1,397
A1244-1.4	1,4		15	40	18	1,4
A1244-1.45	1,45		15	40	18	1,45
A1244-1.5	1,5		15	40	18	1,5
A1244-NO53	1,511	No. 53	17	43	20	1,511
A1244-1.55	1,55		17	43	20	1,55
A1244-1/16IN	1,588	1/16"	17	43	20	1,588
A1244-1.6	1,6		17	43	20	1,6
A1244-NO52	1,613	No. 52	17	43	20	1,613
A1244-1.65	1,65		17	43	20	1,65
A1244-1.7	1,7		17	43	20	1,7
A1244-NO51	1,702	No. 51	19	46	22	1,702
A1244-1.75	1,75		19	46	22	1,75
A1244-NO50	1,778	No. 50	19	46	22	1,778
A1244-1.8	1,8		19	46	22	1,8
A1244-1.85	1,85		19	46	22	1,85
A1244-NO49	1,854	No. 49	19	46	22	1,854
A1244-1.9	1,9		19	46	22	1,9
A1244-NO48	1,93	No. 48	20	49	24	1,93
A1244-1.95	1,95		20	49	24	1,95
A1244-5/64IN	1,984	5/64"	20	49	24	1,984
A1244-NO47	1,994	No. 47	20	49	24	1,994
A1244-2	2		20	49	24	2
A1244-2.05	2,05		20	49	24	2,05
A1244-NO46	2,057	No. 46	20	49	24	2,057
A1244-NO45	2,083	No. 45	20	49	24	2,083
A1244-2.1	2,1		20	49	24	2,1
A1244-2.15	2,15		23	53	27	2,15
A1244-NO44	2,184	No. 44	23	53	27	2,184
A1244-2.2	2,2		23	53	27	2,2
A1244-2.25	2,25		23	53	27	2,25
A1244-2.3	2,3		23	53	27	2,3
A1244-2.35	2,35		23	53	27	2,35

B1

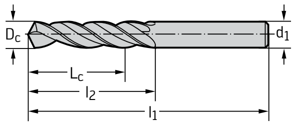
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1244-NO42	2,375	No. 42	26	57	30	2,375
A1244-3/32IN	2,381	3/32"	26	57	30	2,381
A1244-2.4	2,4		26	57	30	2,4
A1244-NO41	2,438	No. 41	26	57	30	2,438
A1244-2.45	2,45		26	57	30	2,45
A1244-NO40	2,489	No. 40	26	57	30	2,489
A1244-2.5	2,5		26	57	30	2,5
A1244-NO39	2,527	No. 39	26	57	30	2,527
A1244-2.55	2,55		26	57	30	2,55
A1244-NO38	2,578	No. 38	26	57	30	2,578
A1244-2.6	2,6		26	57	30	2,6
A1244-NO37	2,642	No. 37	26	57	30	2,642
A1244-2.65	2,65		26	57	30	2,65
A1244-2.7	2,7		28	61	33	2,7
A1244-2.75	2,75		28	61	33	2,75
A1244-7/64IN	2,778	7/64"	28	61	33	2,778
A1244-2.8	2,8		28	61	33	2,8
A1244-NO34	2,819	No. 34	28	61	33	2,819
A1244-2.85	2,85		28	61	33	2,85
A1244-NO33	2,87	No. 33	28	61	33	2,87
A1244-2.9	2,9		28	61	33	2,9
A1244-NO32	2,946	No. 32	28	61	33	2,946
A1244-2.95	2,95		28	61	33	2,95
A1244-3	3		28	61	33	3
A1244-NO31	3,048	No. 31	30	65	36	3,048
A1244-3.1	3,1		30	65	36	3,1
A1244-1/8IN	3,175	1/8"	30	65	36	3,175
A1244-3.2	3,2		30	65	36	3,2
A1244-NO30	3,264	No. 30	30	65	36	3,264
A1244-3.3	3,3		30	65	36	3,3
A1244-3.4	3,4		33	70	39	3,4
A1244-NO29	3,454	No. 29	33	70	39	3,454
A1244-3.5	3,5		33	70	39	3,5
A1244-NO28	3,569	No. 28	33	70	39	3,569
A1244-9/64IN	3,572	9/64"	33	70	39	3,572
A1244-3.6	3,6		33	70	39	3,6
A1244-3.65	3,65		33	70	39	3,65
A1244-NO27	3,658	No. 27	33	70	39	3,658
A1244-3.7	3,7		33	70	39	3,7
A1244-NO26	3,734	No. 26	33	70	39	3,734
A1244-NO25	3,797	No. 25	36	75	43	3,797
A1244-3.8	3,8		36	75	43	3,8
A1244-NO24	3,861	No. 24	36	75	43	3,861
A1244-3.9	3,9		36	75	43	3,9
A1244-NO23	3,912	No. 23	36	75	43	3,912
A1244-5/32IN	3,969	5/32"	36	75	43	3,969
A1244-4	4		36	75	43	4
A1244-NO21	4,039	No. 21	36	75	43	4,039

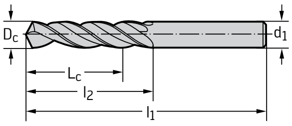
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1244-NO20	4,089	No. 20	36	75	43	4,089
A1244-4.1	4,1		36	75	43	4,1
A1244-4.2	4,2		36	75	43	4,2
A1244-NO19	4,216	No. 19	36	75	43	4,216
A1244-4.3	4,3		39	80	47	4,3
A1244-11/64IN	4,366	11/64"	39	80	47	4,366
A1244-4.4	4,4		39	80	47	4,4
A1244-4.5	4,5		39	80	47	4,5
A1244-NO15	4,572	No. 15	39	80	47	4,572
A1244-4.6	4,6		39	80	47	4,6
A1244-NO14	4,623	No. 14	39	80	47	4,623
A1244-4.7	4,7		39	80	47	4,7
A1244-3/16IN	4,763	3/16"	44	86	52	4,763
A1244-4.8	4,8		44	86	52	4,8
A1244-NO12	4,801	No. 12	44	86	52	4,801
A1244-NO11	4,851	No. 11	44	86	52	4,851
A1244-4.9	4,9		44	86	52	4,9
A1244-NO10	4,915	No. 10	44	86	52	4,915
A1244-NO9	4,978	No. 09	44	86	52	4,978
A1244-5	5		44	86	52	5
A1244-NO8	5,055	No. 08	44	86	52	5,055
A1244-5.1	5,1		44	86	52	5,1
A1244-NO7	5,105	No. 07	44	86	52	5,105
A1244-13/64IN	5,159	13/64"	44	86	52	5,159
A1244-5.2	5,2		44	86	52	5,2
A1244-NO5	5,22	No. 05	44	86	52	5,22
A1244-5.3	5,3		44	86	52	5,3
A1244-5.4	5,4		48	93	57	5,4
A1244-NO3	5,41	No. 03	48	93	57	5,41
A1244-5.5	5,5		48	93	57	5,5
A1244-7/32IN	5,556	7/32"	48	93	57	5,556
A1244-5.6	5,6		48	93	57	5,6
A1244-NO2	5,613	No. 02	48	93	57	5,613
A1244-5.7	5,7		48	93	57	5,7
A1244-5.8	5,8		48	93	57	5,8
A1244-5.9	5,9		48	93	57	5,9
A1244-6	6		48	93	57	6
A1244-6.1	6,1		52	101	63	6,1
A1244-6.2	6,2		52	101	63	6,2
A1244-6.3	6,3		52	101	63	6,3
A1244-1/4IN	6,35	1/4"	52	101	63	6,35
A1244-6.4	6,4		52	101	63	6,4
A1244-6.5	6,5		52	101	63	6,5
A1244-6.6	6,6		52	101	63	6,6
A1244-6.7	6,7		52	101	63	6,7
A1244-17/64IN	6,747	17/64"	57	109	69	6,747
A1244-6.8	6,8		57	109	69	6,8
A1244-6.9	6,9		57	109	69	6,9

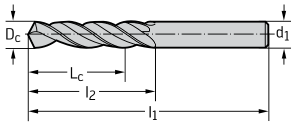
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1244-7	7		57	109	69	7
A1244-7.1	7,1		57	109	69	7,1
A1244-9/32IN	7,144	9/32"	57	109	69	7,144
A1244-7.2	7,2		57	109	69	7,2
A1244-7.3	7,3		57	109	69	7,3
A1244-7.4	7,4		57	109	69	7,4
A1244-7.5	7,5		57	109	69	7,5
A1244-19/64IN	7,541	19/64"	62	117	75	7,541
A1244-7.6	7,6		62	117	75	7,6
A1244-7.7	7,7		62	117	75	7,7
A1244-7.8	7,8		62	117	75	7,8
A1244-7.9	7,9		62	117	75	7,9
A1244-5/16IN	7,938	5/16"	62	117	75	7,938
A1244-8	8		62	117	75	8
A1244-8.1	8,1		62	117	75	8,1
A1244-8.2	8,2		62	117	75	8,2
A1244-8.3	8,3		62	117	75	8,3
A1244-21/64IN	8,334	21/64"	62	117	75	8,334
A1244-8.4	8,4		62	117	75	8,4
A1244-8.5	8,5		62	117	75	8,5
A1244-8.6	8,6		66	125	81	8,6
A1244-8.7	8,7		66	125	81	8,7
A1244-11/32IN	8,731	11/32"	66	125	81	8,731
A1244-8.8	8,8		66	125	81	8,8
A1244-8.9	8,9		66	125	81	8,9
A1244-9	9		66	125	81	9
A1244-9.1	9,1		66	125	81	9,1
A1244-9.2	9,2		66	125	81	9,2
A1244-9.3	9,3		66	125	81	9,3
A1244-9.4	9,4		66	125	81	9,4
A1244-9.5	9,5		66	125	81	9,5
A1244-3/8IN	9,525	3/8"	71	133	87	9,525
A1244-9.6	9,6		71	133	87	9,6
A1244-9.7	9,7		71	133	87	9,7
A1244-9.8	9,8		71	133	87	9,8
A1244-9.9	9,9		71	133	87	9,9
A1244-10	10		71	133	87	10
A1244-10.2	10,2		71	133	87	10,2
A1244-13/32IN	10,319	13/32"	71	133	87	10,319
A1244-10.5	10,5		71	133	87	10,5
A1244-27/64IN	10,716	27/64"	76	142	94	10,716
A1244-11	11		76	142	94	11
A1244-7/16IN	11,113	7/16"	76	142	94	11,113
A1244-11.2	11,2		76	142	94	11,2
A1244-11.5	11,5		76	142	94	11,5
A1244-15/32IN	11,906	15/32"	87	151	101	11,906
A1244-12	12		87	151	101	12
A1244-31/64IN	12,303	31/64"	87	151	101	12,303

Tool



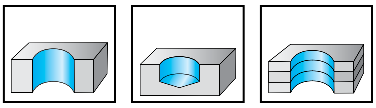
Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1244-12.5	12,5		87	151	101	12,5
A1244-1/2IN	12,7	1/2"	87	151	101	12,7
A1244-13	13		87	151	101	13
A1244-33/64IN	13,097		87	151	101	13,097
A1244-17/32IN	13,494	17/32"	94	160	108	13,494
A1244-13.5	13,5		94	160	108	13,5
A1244-35/64IN	13,891		94	160	108	13,891
A1244-14	14		94	160	108	14
A1244-9/16IN	14,288	9/16"	99	169	114	14,288
A1244-14.5	14,5		99	169	114	14,5
A1244-15	15		99	169	114	15

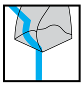
B1

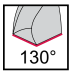
HSS deep-hole drills
A1222
UFL®

– Uncoated up to 1.9 mm
– Available as a set



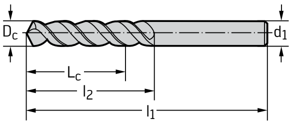
~8×D_c | DIN 338





	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Cylindrical shank

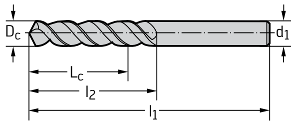
Designation	h8	D_{c} Inch/Nr	L_c mm	l_1 mm	l_2 mm	f11
A1222-1	1		10	34	12	1
A1222-N060	1,016	No. 60	10	34	12	1,016
A1222-N059	1,041	No. 59	10	34	12	1,041
A1222-N058	1,067	No. 58	12	36	14	1,067
A1222-N057	1,092	No. 57	12	36	14	1,092
A1222-1.1	1,1		12	36	14	1,1
A1222-N056	1,181	No. 56	14	38	16	1,181
A1222-3/64IN	1,191	3/64"	14	38	16	1,191
A1222-1.2	1,2		14	38	16	1,2
A1222-1.25	1,25		14	38	16	1,25
A1222-1.3	1,3		14	38	16	1,3
A1222-N055	1,321	No. 55	15	40	18	1,321
A1222-N054	1,397	No. 54	15	40	18	1,397
A1222-1.4	1,4		15	40	18	1,4
A1222-1.5	1,5		15	40	18	1,5
A1222-N053	1,511	No. 53	17	43	20	1,511
A1222-1/16IN	1,588	1/16"	17	43	20	1,588
A1222-1.6	1,6		17	43	20	1,6
A1222-N052	1,613	No. 52	17	43	20	1,613
A1222-1.7	1,7		17	43	20	1,7
A1222-N051	1,702	No. 51	19	46	22	1,702
A1222-N050	1,778	No. 50	19	46	22	1,778
A1222-1.8	1,8		19	46	22	1,8
A1222-N049	1,854	No. 49	19	46	22	1,854
A1222-1.9	1,9		19	46	22	1,9
A1222-N048	1,93	No. 48	20	49	24	1,93
A1222-5/64IN	1,984	5/64"	20	49	24	1,984
A1222-N047	1,994	No. 47	20	49	24	1,994
A1222-2	2		20	49	24	2
A1222-N046	2,057	No. 46	20	49	24	2,057
A1222-N045	2,083	No. 45	20	49	24	2,083
A1222-2.1	2,1		20	49	24	2,1
A1222-N044	2,184	No. 44	23	53	27	2,184
A1222-2.2	2,2		23	53	27	2,2
A1222-N043	2,261	No. 43	23	53	27	2,261

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool



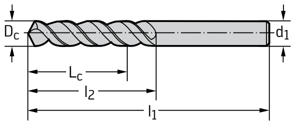
Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1222-2.3	2,3		23	53	27	2,3
A1222-NO42	2,375	No. 42	26	57	30	2,375
A1222-3/32IN	2,381	3/32"	26	57	30	2,381
A1222-2.4	2,4		26	57	30	2,4
A1222-NO41	2,438	No. 41	26	57	30	2,438
A1222-NO40	2,489	No. 40	26	57	30	2,489
A1222-2.5	2,5		26	57	30	2,5
A1222-NO39	2,527	No. 39	26	57	30	2,527
A1222-NO38	2,578	No. 38	26	57	30	2,578
A1222-2.6	2,6		26	57	30	2,6
A1222-NO37	2,642	No. 37	26	57	30	2,642
A1222-2.7	2,7		28	61	33	2,7
A1222-NO36	2,705	No. 36	28	61	33	2,705
A1222-7/64IN	2,778	7/64"	28	61	33	2,778
A1222-NO35	2,794	No. 35	28	61	33	2,794
A1222-2.8	2,8		28	61	33	2,8
A1222-NO34	2,819	No. 34	28	61	33	2,819
A1222-NO33	2,87	No. 33	28	61	33	2,87
A1222-2.9	2,9		28	61	33	2,9
A1222-NO32	2,946	No. 32	28	61	33	2,946
A1222-3	3		28	61	33	3
A1222-NO31	3,048	No. 31	30	65	36	3,048
A1222-3.1	3,1		30	65	36	3,1
A1222-1/8IN	3,175	1/8"	30	65	36	3,175
A1222-3.2	3,2		30	65	36	3,2
A1222-NO30	3,264	No. 30	30	65	36	3,264
A1222-3.3	3,3		30	65	36	3,3
A1222-3.4	3,4		33	70	39	3,4
A1222-NO29	3,454	No. 29	33	70	39	3,454
A1222-3.5	3,5		33	70	39	3,5
A1222-NO28	3,569	No. 28	33	70	39	3,569
A1222-9/64IN	3,572	9/64"	33	70	39	3,572
A1222-3.6	3,6		33	70	39	3,6
A1222-NO27	3,658	No. 27	33	70	39	3,658
A1222-3.7	3,7		33	70	39	3,7
A1222-NO26	3,734	No. 26	33	70	39	3,734
A1222-NO25	3,797	No. 25	36	75	43	3,797
A1222-3.8	3,8		36	75	43	3,8
A1222-NO24	3,861	No. 24	36	75	43	3,861
A1222-3.9	3,9		36	75	43	3,9
A1222-NO23	3,912	No. 23	36	75	43	3,912
A1222-5/32IN	3,969	5/32"	36	75	43	3,969
A1222-NO22	3,988	No. 22	36	75	43	3,988
A1222-4	4		36	75	43	4
A1222-NO21	4,039	No. 21	36	75	43	4,039
A1222-NO20	4,089	No. 20	36	75	43	4,089
A1222-4.1	4,1		36	75	43	4,1
A1222-4.2	4,2		36	75	43	4,2

B1

B1

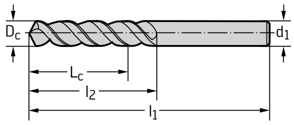
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1222-NO19	4,216	No. 19	36	75	43	4,216
A1222-4.3	4,3		39	80	47	4,3
A1222-NO18	4,305	No. 18	39	80	47	4,305
A1222-11/64IN	4,366	11/64"	39	80	47	4,366
A1222-NO17	4,394	No. 17	39	80	47	4,394
A1222-4.4	4,4		39	80	47	4,4
A1222-NO16	4,496	No. 16	39	80	47	4,496
A1222-4.5	4,5		39	80	47	4,5
A1222-NO15	4,572	No. 15	39	80	47	4,572
A1222-4.6	4,6		39	80	47	4,6
A1222-NO14	4,623	No. 14	39	80	47	4,623
A1222-NO13	4,699	No. 13	39	80	47	4,699
A1222-4.7	4,7		39	80	47	4,7
A1222-3/16IN	4,763	3/16"	44	86	52	4,763
A1222-4.8	4,8		44	86	52	4,8
A1222-NO12	4,801	No. 12	44	86	52	4,801
A1222-NO11	4,851	No. 11	44	86	52	4,851
A1222-4.9	4,9		44	86	52	4,9
A1222-NO10	4,915	No. 10	44	86	52	4,915
A1222-NO9	4,978	No. 09	44	86	52	4,978
A1222-5	5		44	86	52	5
A1222-NO8	5,055	No. 08	44	86	52	5,055
A1222-5.1	5,1		44	86	52	5,1
A1222-NO7	5,105	No. 07	44	86	52	5,105
A1222-13/64IN	5,159	13/64"	44	86	52	5,159
A1222-NO6	5,182	No. 06	44	86	52	5,182
A1222-5.2	5,2		44	86	52	5,2
A1222-NO5	5,22	No. 05	44	86	52	5,22
A1222-5.3	5,3		44	86	52	5,3
A1222-NO4	5,309	No. 04	48	93	57	5,309
A1222-5.4	5,4		48	93	57	5,4
A1222-NO3	5,41	No. 03	48	93	57	5,41
A1222-5.5	5,5		48	93	57	5,5
A1222-7/32IN	5,556	7/32"	48	93	57	5,556
A1222-5.6	5,6		48	93	57	5,6
A1222-NO2	5,613	No. 02	48	93	57	5,613
A1222-5.7	5,7		48	93	57	5,7
A1222-NO1	5,791	No. 01	48	93	57	5,791
A1222-5.8	5,8		48	93	57	5,8
A1222-5.9	5,9		48	93	57	5,9
A1222-LET.A	5,944	Let. A	48	93	57	5,944
A1222-15/64IN	5,953	15/64"	48	93	57	5,953
A1222-6	6		48	93	57	6
A1222-LET.B	6,045	Let. B	52	101	63	6,045
A1222-6.1	6,1		52	101	63	6,1
A1222-LET.C	6,147	Let. C	52	101	63	6,147
A1222-6.2	6,2		52	101	63	6,2
A1222-LET.D	6,248	Let. D	52	101	63	6,248

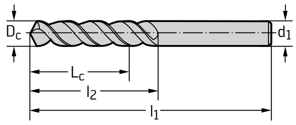
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1222-6.3	6,3		52	101	63	6,3
A1222-1/4IN	6,35	1/4"	52	101	63	6,35
A1222-6.4	6,4		52	101	63	6,4
A1222-6.5	6,5		52	101	63	6,5
A1222-LET.F	6,528	Let. F	52	101	63	6,528
A1222-6.6	6,6		52	101	63	6,6
A1222-LET.G	6,629	Let. G	52	101	63	6,629
A1222-6.7	6,7		52	101	63	6,7
A1222-17/64IN	6,747	17/64"	57	109	69	6,747
A1222-LET.H	6,756	Let. H	57	109	69	6,756
A1222-6.8	6,8		57	109	69	6,8
A1222-6.9	6,9		57	109	69	6,9
A1222-LET.I	6,909	Let. I	57	109	69	6,909
A1222-7	7		57	109	69	7
A1222-LET.J	7,036	Let. J	57	109	69	7,036
A1222-7.1	7,1		57	109	69	7,1
A1222-LET.K	7,137	Let. K	57	109	69	7,137
A1222-9/32IN	7,144	9/32"	57	109	69	7,144
A1222-7.2	7,2		57	109	69	7,2
A1222-7.3	7,3		57	109	69	7,3
A1222-LET.L	7,366	Let. L	57	109	69	7,366
A1222-7.4	7,4		57	109	69	7,4
A1222-LET.M	7,493	Let. M	57	109	69	7,493
A1222-7.5	7,5		57	109	69	7,5
A1222-19/64IN	7,541	19/64"	62	117	75	7,541
A1222-7.6	7,6		62	117	75	7,6
A1222-LET.N	7,671	Let. N	62	117	75	7,671
A1222-7.7	7,7		62	117	75	7,7
A1222-7.8	7,8		62	117	75	7,8
A1222-7.9	7,9		62	117	75	7,9
A1222-5/16IN	7,938	5/16"	62	117	75	7,938
A1222-8	8		62	117	75	8
A1222-LET.O	8,026	Let. O	62	117	75	8,026
A1222-8.1	8,1		62	117	75	8,1
A1222-8.2	8,2		62	117	75	8,2
A1222-LET.P	8,204	Let. P	62	117	75	8,204
A1222-8.3	8,3		62	117	75	8,3
A1222-21/64IN	8,334	21/64"	62	117	75	8,334
A1222-8.4	8,4		62	117	75	8,4
A1222-LET.Q	8,433	Let. Q	62	117	75	8,433
A1222-8.5	8,5		62	117	75	8,5
A1222-8.6	8,6		66	125	81	8,6
A1222-LET.R	8,611	Let. R	66	125	81	8,611
A1222-8.7	8,7		66	125	81	8,7
A1222-11/32IN	8,731	11/32"	66	125	81	8,731
A1222-8.8	8,8		66	125	81	8,8
A1222-LET.S	8,839	Let. S	66	125	81	8,839
A1222-8.9	8,9		66	125	81	8,9

Tool

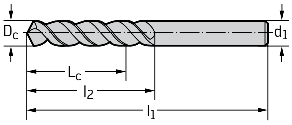


Cylindrical shank

B1

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1222-9	9		66	125	81	9
A1222-LET.T	9,093	Let. T	66	125	81	9,093
A1222-9.1	9,1		66	125	81	9,1
A1222-23/64IN	9,128	23/64"	66	125	81	9,128
A1222-9.2	9,2		66	125	81	9,2
A1222-9.3	9,3		66	125	81	9,3
A1222-LET.U	9,347	Let. U	66	125	81	9,347
A1222-9.4	9,4		66	125	81	9,4
A1222-9.5	9,5		66	125	81	9,5
A1222-3/8IN	9,525	3/8"	71	133	87	9,525
A1222-LET.V	9,576	Let. V	71	133	87	9,576
A1222-9.6	9,6		71	133	87	9,6
A1222-9.7	9,7		71	133	87	9,7
A1222-9.8	9,8		71	133	87	9,8
A1222-LET.W	9,804	Let. W	71	133	87	9,804
A1222-9.9	9,9		71	133	87	9,9
A1222-25/64IN	9,922	25/64"	71	133	87	9,922
A1222-10	10		71	133	87	10
A1222-LET.X	10,084	Let. X	71	133	87	10,084
A1222-10.2	10,2		71	133	87	10,2
A1222-LET.Y	10,262	Let. Y	71	133	87	10,262
A1222-13/32IN	10,319	13/32"	71	133	87	10,319
A1222-LET.Z	10,49	Let. Z	71	133	87	10,49
A1222-10.5	10,5		71	133	87	10,5
A1222-27/64IN	10,716	27/64"	76	142	94	10,716
A1222-10.8	10,8		76	142	94	10,8
A1222-11	11		76	142	94	11
A1222-7/16IN	11,113	7/16"	76	142	94	11,113
A1222-11.2	11,2		76	142	94	11,2
A1222-11.5	11,5		76	142	94	11,5
A1222-29/64IN	11,509	29/64"	76	142	94	11,509
A1222-11.8	11,8		76	142	94	11,8
A1222-15/32IN	11,906	15/32"	87	151	101	11,906
A1222-12	12		87	151	101	12
A1222-31/64IN	12,303	31/64"	87	151	101	12,303
A1222-12.5	12,5		87	151	101	12,5
A1222-1/2IN	12,7	1/2"	87	151	101	12,7
A1222-13	13		87	151	101	13
A1222-33/64IN	13,097		87	151	101	13,097
A1222-13.1	13,1		87	151	101	13,1
A1222-13.3	13,3		94	160	108	13,3
A1222-17/32IN	13,494	17/32"	94	160	108	13,494
A1222-13.5	13,5		94	160	108	13,5
A1222-35/64IN	13,891		94	160	108	13,891
A1222-14	14		94	160	108	14
A1222-9/16IN	14,288	9/16"	99	169	114	14,288
A1222-14.5	14,5		99	169	114	14,5
A1222-37/64IN	14,684	37/64"	99	169	114	14,684

Tool



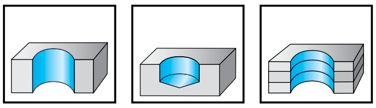
Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1222-15	15		99	169	114	15
A1222-19/32IN	15,081	19/32"	104	178	120	15,081
A1222-15.1	15,1		104	178	120	15,1
A1222-15.3	15,3		104	178	120	15,3
A1222-39/64IN	15,478	39/64"	104	178	120	15,478
A1222-15.5	15,5		104	178	120	15,5
A1222-5/8IN	15,875	5/8"	104	178	120	15,875
A1222-16	16		104	178	120	16

B1

HSS twist drills
A1211 / A1211TIN

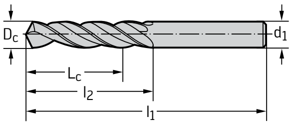
– Available as a set
– Type N



~8×Dc	DIN 338		118°

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●	●		●
TIN	●●	●	●●	●	●		●

Tool



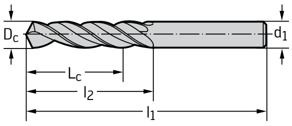
Cylindrical shank

Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1211-0.2	0,2		2,1	19	2,5	0,2
A1211-0.22	0,22		2,1	19	2,5	0,22
A1211-0.23	0,23		2,1	19	2,5	0,23
A1211-0.25	0,25		2,5	19	3	0,25
A1211-0.27	0,27		2,5	19	3	0,27
A1211-0.28	0,28		2,5	19	3	0,28
A1211-0.29	0,29		2,5	19	3	0,29
A1211-0.3	0,3		2,5	19	3	0,3
A1211-0.31	0,31		3,4	19	4	0,31
A1211-NO82	0,318		3,4	19	4	0,318
A1211-0.32	0,32		3,4	19	4	0,32
A1211-0.33	0,33		3,4	19	4	0,33
A1211-0.34	0,34		3,4	19	4	0,34
A1211-NO80	0,343		3,4	19	4	0,343
A1211-0.35	0,35		3,4	19	4	0,35
A1211-NO79	0,368		3,4	19	4	0,368
A1211-0.38	0,38		3,4	19	4	0,38
A1211-1/64IN	0,397		4,2	20	5	0,397
A1211-0.4	0,4		4,2	20	5	0,4
A1211-NO78	0,406		4,2	20	5	0,406
A1211-0.42	0,42		4,2	20	5	0,42
A1211-0.43	0,43		4,2	20	5	0,43
A1211-0.45	0,45		4,2	20	5	0,45
A1211-NO77	0,457		4,2	20	5	0,457
A1211-0.47	0,47		4,2	20	5	0,47
A1211-0.48	0,48		4,2	20	5	0,48
A1211-0.49	0,49		5,2	22	6	0,49
A1211-0.5	0,5		5,2	22	6	0,5
A1211-NO76	0,508	No.76	5,2	22	6	0,508
A1211-0.51	0,51		5,2	22	6	0,51
A1211-0.52	0,52		5,2	22	6	0,52
A1211-0.53	0,53		5,2	22	6	0,53
A1211-NO75	0,533		6,1	24	7	0,533
A1211-0.54	0,54		6,1	24	7	0,54
A1211-0.55	0,55		6,1	24	7	0,55

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

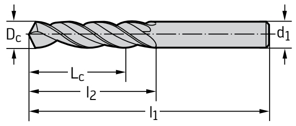
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211-0.57	0,57		6,1	24	7	0,57
A1211-NO74	0,572		6,1	24	7	0,572
A1211-0.58	0,58		6,1	24	7	0,58
A1211-0.59	0,59		6,1	24	7	0,59
A1211-0.6	0,6		6,1	24	7	0,6
A1211-NO73	0,61		6,9	26	8	0,61
A1211-0.62	0,62		6,9	26	8	0,62
A1211-0.63	0,63		6,9	26	8	0,63
A1211-NO72	0,635	No.72	6,9	26	8	0,635
A1211-0.65	0,65		6,9	26	8	0,65
A1211-NO71	0,66		6,9	26	8	0,66
A1211-0.67	0,67		6,9	26	8	0,67
A1211-0.68	0,68		7,8	28	9	0,68
A1211-0.7	0,7		7,8	28	9	0,7
A1211-NO70	0,711		7,8	28	9	0,711
A1211-0.72	0,72		7,8	28	9	0,72
A1211-0.73	0,73		7,8	28	9	0,73
A1211-NO69	0,742		7,8	28	9	0,742
A1211-0.75	0,75		7,8	28	9	0,75
A1211-0.76	0,76		8,7	30	10	0,76
A1211-0.78	0,78		8,7	30	10	0,78
A1211-NO68	0,787		8,7	30	10	0,787
A1211-1/32IN	0,794	1/32"	8,7	30	10	0,794
A1211-0.8	0,8		8,7	30	10	0,8
A1211-0.81	0,81		8,7	30	10	0,81
A1211-NO67	0,813		8,7	30	10	0,813
A1211-0.82	0,82		8,7	30	10	0,82
A1211-0.83	0,83		8,7	30	10	0,83
A1211-NO66	0,838		8,7	30	10	0,838
A1211-0.85	0,85		8,7	30	10	0,85
A1211-0.87	0,87		9,5	32	11	0,87
A1211-0.88	0,88		9,5	32	11	0,88
A1211-NO65	0,889	No.65	9,5	32	11	0,889
A1211-0.9	0,9		9,5	32	11	0,9
A1211-0.91	0,91		9,5	32	11	0,91
A1211-NO64	0,914		9,5	32	11	0,914
A1211-0.92	0,92		9,5	32	11	0,92
A1211-NO63	0,94		9,5	32	11	0,94
A1211-0.95	0,95		9,5	32	11	0,95
A1211-0.96	0,96		10	34	12	0,96
A1211-NO62	0,965		10	34	12	0,965
A1211-0.97	0,97		10	34	12	0,97
A1211-0.98	0,98		10	34	12	0,98
A1211-0.99	0,99		10	34	12	0,99
A1211-NO61	0,991		10	34	12	0,991
A1211-1	1		10	34	12	1
A1211-1.01	1,01		10	34	12	1,01
A1211-NO60	1,016	No. 60	10	34	12	1,016

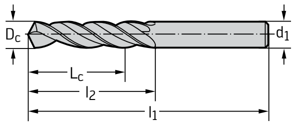
Tool



Cylindrical shank

Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1211-1.02	1,02		10	34	12	1,02
A1211-1.03	1,03		10	34	12	1,03
A1211-1.04	1,04		10	34	12	1,04
A1211-NO59	1,041	No. 59	10	34	12	1,041
A1211-1.05	1,05		10	34	12	1,05
A1211-NO58	1,067	No. 58	12	36	14	1,067
A1211-NO57	1,092	No. 57	12	36	14	1,092
A1211-1.1	1,1		12	36	14	1,1
A1211-1.12	1,12		12	36	14	1,12
A1211-1.13	1,13		12	36	14	1,13
A1211-1.15	1,15		12	36	14	1,15
A1211-1.18	1,18		12	36	14	1,18
A1211-NO56	1,181	No. 56	14	38	16	1,181
A1211-3/64IN	1,191	3/64"	14	38	16	1,191
A1211-1.2	1,2		14	38	16	1,2
A1211-1.21	1,21		14	38	16	1,21
A1211-1.22	1,22		14	38	16	1,22
A1211-1.23	1,23		14	38	16	1,23
A1211-1.24	1,24		14	38	16	1,24
A1211-1.25	1,25		14	38	16	1,25
A1211-1.27	1,27		14	38	16	1,27
A1211-1.28	1,28		14	38	16	1,28
A1211-1.3	1,3		14	38	16	1,3
A1211-NO55	1,321	No. 55	15	40	18	1,321
A1211-1.33	1,33		15	40	18	1,33
A1211-1.35	1,35		15	40	18	1,35
A1211-1.36	1,36		15	40	18	1,36
A1211-1.37	1,37		15	40	18	1,37
A1211-NO54	1,397	No. 54	15	40	18	1,397
A1211-1.4	1,4		15	40	18	1,4
A1211-1.42	1,42		15	40	18	1,42
A1211-1.43	1,43		15	40	18	1,43
A1211-1.45	1,45		15	40	18	1,45
A1211-1.49	1,49		15	40	18	1,49
A1211-1.5	1,5		15	40	18	1,5
A1211-1.51	1,51		17	43	20	1,51
A1211-NO53	1,511	No. 53	17	43	20	1,511
A1211-1.52	1,52		17	43	20	1,52
A1211-1.53	1,53		17	43	20	1,53
A1211-1.55	1,55		17	43	20	1,55
A1211-1.57	1,57		17	43	20	1,57
A1211-1/16IN	1,588	1/16"	17	43	20	1,588
A1211-1.6	1,6		17	43	20	1,6
A1211-NO52	1,613	No. 52	17	43	20	1,613
A1211-1.63	1,63		17	43	20	1,63
A1211-1.65	1,65		17	43	20	1,65
A1211-1.7	1,7		17	43	20	1,7
A1211-NO51	1,702	No. 51	19	46	22	1,702

Tool

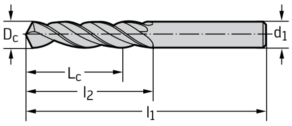


Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211-1.75	1,75		19	46	22	1,75
A1211-NO50	1,778	No. 50	19	46	22	1,778
A1211-1.8	1,8		19	46	22	1,8
A1211-1.85	1,85		19	46	22	1,85
A1211-NO49	1,854	No. 49	19	46	22	1,854
A1211-1.9	1,9		19	46	22	1,9
A1211-NO48	1,93	No. 48	20	49	24	1,93
A1211-1.95	1,95		20	49	24	1,95
A1211-5/64IN	1,984	5/64"	20	49	24	1,984
A1211-NO47	1,994	No. 47	20	49	24	1,994
A1211-2	2		20	49	24	2
A1211-2.05	2,05		20	49	24	2,05
A1211-NO46	2,057	No. 46	20	49	24	2,057
A1211-NO45	2,083	No. 45	20	49	24	2,083
A1211-2.1	2,1		20	49	24	2,1
A1211-2.15	2,15		23	53	27	2,15
A1211-NO44	2,184	No. 44	23	53	27	2,184
A1211-2.2	2,2		23	53	27	2,2
A1211-2.25	2,25		23	53	27	2,25
A1211-NO43	2,261	No. 43	23	53	27	2,261
A1211-2.3	2,3		23	53	27	2,3
A1211-2.35	2,35		23	53	27	2,35
A1211-NO42	2,375	No. 42	26	57	30	2,375
A1211-3/32IN	2,381	3/32"	26	57	30	2,381
A1211-2.4	2,4		26	57	30	2,4
A1211-NO41	2,438	No. 41	26	57	30	2,438
A1211-2.45	2,45		26	57	30	2,45
A1211-NO40	2,489	No. 40	26	57	30	2,489
A1211-2.5	2,5		26	57	30	2,5
A1211-NO39	2,527	No. 39	26	57	30	2,527
A1211-2.55	2,55		26	57	30	2,55
A1211-NO38	2,578	No. 38	26	57	30	2,578
A1211-2.6	2,6		26	57	30	2,6
A1211-NO37	2,642	No. 37	26	57	30	2,642
A1211-2.65	2,65		26	57	30	2,65
A1211-2.7	2,7		28	61	33	2,7
A1211-NO36	2,705	No. 36	28	61	33	2,705
A1211-2.75	2,75		28	61	33	2,75
A1211-7/64IN	2,778	7/64"	28	61	33	2,778
A1211-NO35	2,794	No. 35	28	61	33	2,794
A1211-2.8	2,8		28	61	33	2,8
A1211-NO34	2,819	No. 34	28	61	33	2,819
A1211-2.85	2,85		28	61	33	2,85
A1211-NO33	2,87	No. 33	28	61	33	2,87
A1211-2.9	2,9		28	61	33	2,9
A1211-NO32	2,946	No. 32	28	61	33	2,946
A1211-2.95	2,95		28	61	33	2,95
A1211-3	3		28	61	33	3

B1

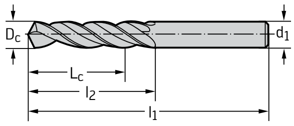
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211-NO31	3,048	No. 31	30	65	36	3,048
A1211-3.05	3,05		30	65	36	3,05
A1211-3.1	3,1		30	65	36	3,1
A1211-3.15	3,15		30	65	36	3,15
A1211-1/8IN	3,175	1/8"	30	65	36	3,175
A1211-3.2	3,2		30	65	36	3,2
A1211-3.25	3,25		30	65	36	3,25
A1211-NO30	3,264	No. 30	30	65	36	3,264
A1211-3.3	3,3		30	65	36	3,3
A1211-3.35	3,35		30	65	36	3,35
A1211-3.4	3,4		33	70	39	3,4
A1211-3.45	3,45		33	70	39	3,45
A1211-NO29	3,454	No. 29	33	70	39	3,454
A1211-3.5	3,5		33	70	39	3,5
A1211-3.55	3,55		33	70	39	3,55
A1211-NO28	3,569	No. 28	33	70	39	3,569
A1211-9/64IN	3,572	9/64"	33	70	39	3,572
A1211-3.6	3,6		33	70	39	3,6
A1211-3.65	3,65		33	70	39	3,65
A1211-NO27	3,658	No. 27	33	70	39	3,658
A1211-3.7	3,7		33	70	39	3,7
A1211-NO26	3,734	No. 26	33	70	39	3,734
A1211-3.75	3,75		33	70	39	3,75
A1211-NO25	3,797	No. 25	36	75	43	3,797
A1211-3.8	3,8		36	75	43	3,8
A1211-NO24	3,861	No. 24	36	75	43	3,861
A1211-3.9	3,9		36	75	43	3,9
A1211-NO23	3,912	No. 23	36	75	43	3,912
A1211-3.95	3,95		36	75	43	3,95
A1211-5/32IN	3,969	5/32"	36	75	43	3,969
A1211-NO22	3,988	No. 22	36	75	43	3,988
A1211-4	4		36	75	43	4
A1211-NO21	4,039	No. 21	36	75	43	4,039
A1211-4.05	4,05		36	75	43	4,05
A1211-NO20	4,089	No. 20	36	75	43	4,089
A1211-4.1	4,1		36	75	43	4,1
A1211-4.15	4,15		36	75	43	4,15
A1211-4.2	4,2		36	75	43	4,2
A1211-NO19	4,216	No. 19	36	75	43	4,216
A1211-4.25	4,25		36	75	43	4,25
A1211-4.3	4,3		39	80	47	4,3
A1211-NO18	4,305	No. 18	39	80	47	4,305
A1211-4.35	4,35		39	80	47	4,35
A1211-11/64IN	4,366	11/64"	39	80	47	4,366
A1211-NO17	4,394	No. 17	39	80	47	4,394
A1211-4.4	4,4		39	80	47	4,4
A1211-4.45	4,45		39	80	47	4,45
A1211-NO16	4,496	No. 16	39	80	47	4,496

Tool

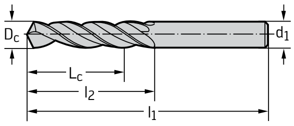


Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211-4.5	4,5		39	80	47	4,5
A1211-4.55	4,55		39	80	47	4,55
A1211-NO15	4,572	No. 15	39	80	47	4,572
A1211-4.6	4,6		39	80	47	4,6
A1211-NO14	4,623	No. 14	39	80	47	4,623
A1211-4.65	4,65		39	80	47	4,65
A1211-NO13	4,699	No. 13	39	80	47	4,699
A1211-4.7	4,7		39	80	47	4,7
A1211-4.75	4,75		39	80	47	4,75
A1211-3/16IN	4,763	3/16"	44	86	52	4,763
A1211-4.8	4,8		44	86	52	4,8
A1211-NO12	4,801	No. 12	44	86	52	4,801
A1211-4.85	4,85		44	86	52	4,85
A1211-NO11	4,851	No. 11	44	86	52	4,851
A1211-4.9	4,9		44	86	52	4,9
A1211-NO10	4,915	No. 10	44	86	52	4,915
A1211-4.95	4,95		44	86	52	4,95
A1211-NO9	4,978	No. 09	44	86	52	4,978
A1211-5	5		44	86	52	5
A1211-5.05	5,05		44	86	52	5,05
A1211-NO8	5,055	No. 08	44	86	52	5,055
A1211-5.1	5,1		44	86	52	5,1
A1211-NO7	5,105	No. 07	44	86	52	5,105
A1211-5.15	5,15		44	86	52	5,15
A1211-13/64IN	5,159	13/64"	44	86	52	5,159
A1211-NO6	5,182	No. 06	44	86	52	5,182
A1211-5.2	5,2		44	86	52	5,2
A1211-NO5	5,22	No. 05	44	86	52	5,22
A1211-5.25	5,25		44	86	52	5,25
A1211-5.3	5,3		44	86	52	5,3
A1211-NO4	5,309	No. 04	48	93	57	5,309
A1211-5.4	5,4		48	93	57	5,4
A1211-NO3	5,41	No. 03	48	93	57	5,41
A1211-5.5	5,5		48	93	57	5,5
A1211-5.55	5,55		48	93	57	5,55
A1211-7/32IN	5,556	7/32"	48	93	57	5,556
A1211-5.6	5,6		48	93	57	5,6
A1211-NO2	5,613	No. 02	48	93	57	5,613
A1211-5.7	5,7		48	93	57	5,7
A1211-5.75	5,75		48	93	57	5,75
A1211-NO1	5,791	No. 01	48	93	57	5,791
A1211-5.8	5,8		48	93	57	5,8
A1211-5.9	5,9		48	93	57	5,9
A1211-LET.A	5,944	Let. A	48	93	57	5,944
A1211-5.95	5,95		48	93	57	5,95
A1211-15/64IN	5,953	15/64"	48	93	57	5,953
A1211-6	6		48	93	57	6
A1211-LET.B	6,045	Let. B	52	101	63	6,045

B1

Tool

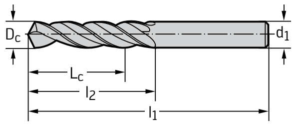


Cylindrical shank

Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1211-6.05	6,05		52	101	63	6,05
A1211-6.1	6,1		52	101	63	6,1
A1211-LET.C	6,147	Let. C	52	101	63	6,147
A1211-6.15	6,15		52	101	63	6,15
A1211-6.2	6,2		52	101	63	6,2
A1211-LET.D	6,248	Let. D	52	101	63	6,248
A1211-6.25	6,25		52	101	63	6,25
A1211-6.3	6,3		52	101	63	6,3
A1211-1/4IN	6,35	1/4"	52	101	63	6,35
A1211-6.4	6,4		52	101	63	6,4
A1211-6.45	6,45		52	101	63	6,45
A1211-6.5	6,5		52	101	63	6,5
A1211-LET.F	6,528	Let. F	52	101	63	6,528
A1211-6.55	6,55		52	101	63	6,55
A1211-6.6	6,6		52	101	63	6,6
A1211-LET.G	6,629	Let. G	52	101	63	6,629
A1211-6.65	6,65		52	101	63	6,65
A1211-6.7	6,7		52	101	63	6,7
A1211-17/64IN	6,747	17/64"	57	109	69	6,747
A1211-6.75	6,75		57	109	69	6,75
A1211-LET.H	6,756	Let. H	57	109	69	6,756
A1211-6.8	6,8		57	109	69	6,8
A1211-6.9	6,9		57	109	69	6,9
A1211-LET.I	6,909	Let. I	57	109	69	6,909
A1211-7	7		57	109	69	7
A1211-LET.J	7,036	Let. J	57	109	69	7,036
A1211-7.05	7,05		57	109	69	7,05
A1211-7.1	7,1		57	109	69	7,1
A1211-LET.K	7,137	Let. K	57	109	69	7,137
A1211-9/32IN	7,144	9/32"	57	109	69	7,144
A1211-7.2	7,2		57	109	69	7,2
A1211-7.25	7,25		57	109	69	7,25
A1211-7.3	7,3		57	109	69	7,3
A1211-LET.L	7,366	Let. L	57	109	69	7,366
A1211-7.4	7,4		57	109	69	7,4
A1211-LET.M	7,493	Let. M	57	109	69	7,493
A1211-7.5	7,5		57	109	69	7,5
A1211-19/64IN	7,541	19/64"	62	117	75	7,541
A1211-7.6	7,6		62	117	75	7,6
A1211-LET.N	7,671	Let. N	62	117	75	7,671
A1211-7.7	7,7		62	117	75	7,7
A1211-7.75	7,75		62	117	75	7,75
A1211-7.8	7,8		62	117	75	7,8
A1211-7.9	7,9		62	117	75	7,9
A1211-5/16IN	7,938	5/16"	62	117	75	7,938
A1211-8	8		62	117	75	8
A1211-LET.O	8,026	Let. O	62	117	75	8,026
A1211-8.05	8,05		62	117	75	8,05

B1

Tool

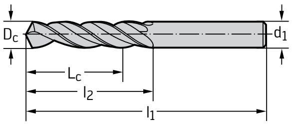


Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211-8.1	8,1		62	117	75	8,1
A1211-8.2	8,2		62	117	75	8,2
A1211-LET.P	8,204	Let. P	62	117	75	8,204
A1211-8.25	8,25		62	117	75	8,25
A1211-8.3	8,3		62	117	75	8,3
A1211-21/64IN	8,334	21/64"	62	117	75	8,334
A1211-8.4	8,4		62	117	75	8,4
A1211-LET.Q	8,433	Let. Q	62	117	75	8,433
A1211-8.5	8,5		62	117	75	8,5
A1211-8.6	8,6		66	125	81	8,6
A1211-LET.R	8,611	Let. R	66	125	81	8,611
A1211-8.7	8,7		66	125	81	8,7
A1211-11/32IN	8,731	11/32"	66	125	81	8,731
A1211-8.75	8,75		66	125	81	8,75
A1211-8.8	8,8		66	125	81	8,8
A1211-8.9	8,9		66	125	81	8,9
A1211-9	9		66	125	81	9
A1211-LET.T	9,093	Let. T	66	125	81	9,093
A1211-9.1	9,1		66	125	81	9,1
A1211-23/64IN	9,128	23/64"	66	125	81	9,128
A1211-9.2	9,2		66	125	81	9,2
A1211-9.25	9,25		66	125	81	9,25
A1211-9.3	9,3		66	125	81	9,3
A1211-LET.U	9,347	Let. U	66	125	81	9,347
A1211-9.4	9,4		66	125	81	9,4
A1211-9.5	9,5		66	125	81	9,5
A1211-3/8IN	9,525	3/8"	71	133	87	9,525
A1211-9.6	9,6		71	133	87	9,6
A1211-9.7	9,7		71	133	87	9,7
A1211-9.75	9,75		71	133	87	9,75
A1211-9.8	9,8		71	133	87	9,8
A1211-LET.W	9,804	Let. W	71	133	87	9,804
A1211-9.9	9,9		71	133	87	9,9
A1211-25/64IN	9,922	25/64"	71	133	87	9,922
A1211-10	10		71	133	87	10
A1211-LET.X	10,084	Let. X	71	133	87	10,084
A1211-10.1	10,1		71	133	87	10,1
A1211-10.2	10,2		71	133	87	10,2
A1211-10.25	10,25		71	133	87	10,25
A1211-LET.Y	10,262	Let. Y	71	133	87	10,262
A1211-10.3	10,3		71	133	87	10,3
A1211-13/32IN	10,319	13/32"	71	133	87	10,319
A1211-10.4	10,4		71	133	87	10,4
A1211-LET.Z	10,49	Let. Z	71	133	87	10,49
A1211-10.5	10,5		71	133	87	10,5
A1211-10.6	10,6		71	133	87	10,6
A1211-10.7	10,7		76	142	94	10,7
A1211-27/64IN	10,716	27/64"	76	142	94	10,716

B1

Tool

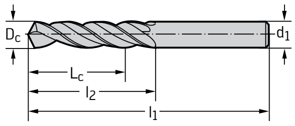


Cylindrical shank

B1

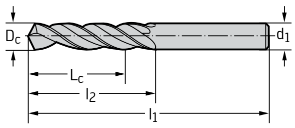
Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211-10.75	10,75		76	142	94	10,75
A1211-10.8	10,8		76	142	94	10,8
A1211-10.9	10,9		76	142	94	10,9
A1211-11	11		76	142	94	11
A1211-11.1	11,1		76	142	94	11,1
A1211-7/16IN	11,113	7/16"	76	142	94	11,113
A1211-11.2	11,2		76	142	94	11,2
A1211-11.25	11,25		76	142	94	11,25
A1211-11.3	11,3		76	142	94	11,3
A1211-11.4	11,4		76	142	94	11,4
A1211-11.5	11,5		76	142	94	11,5
A1211-29/64IN	11,509	29/64"	76	142	94	11,509
A1211-11.6	11,6		76	142	94	11,6
A1211-11.7	11,7		76	142	94	11,7
A1211-11.75	11,75		76	142	94	11,75
A1211-11.8	11,8		76	142	94	11,8
A1211-11.9	11,9		87	151	101	11,9
A1211-15/32IN	11,906	15/32"	87	151	101	11,906
A1211-12	12		87	151	101	12
A1211-12.1	12,1		87	151	101	12,1
A1211-12.2	12,2		87	151	101	12,2
A1211-12.25	12,25		87	151	101	12,25
A1211-12.3	12,3		87	151	101	12,3
A1211-31/64IN	12,303	31/64"	87	151	101	12,303
A1211-12.4	12,4		87	151	101	12,4
A1211-12.5	12,5		87	151	101	12,5
A1211-12.6	12,6		87	151	101	12,6
A1211-1/2IN	12,7	1/2"	87	151	101	12,7
A1211-12.75	12,75		87	151	101	12,75
A1211-12.8	12,8		87	151	101	12,8
A1211-12.9	12,9		87	151	101	12,9
A1211-13	13		87	151	101	13
A1211-33/64IN	13,097		87	151	101	13,097
A1211-13.1	13,1		87	151	101	13,1
A1211-13.2	13,2		87	151	101	13,2
A1211-13.25	13,25		94	160	108	13,25
A1211-13.3	13,3		94	160	108	13,3
A1211-13.4	13,4		94	160	108	13,4
A1211-17/32IN	13,494	17/32"	94	160	108	13,494
A1211-13.5	13,5		94	160	108	13,5
A1211-13.6	13,6		94	160	108	13,6
A1211-13.7	13,7		94	160	108	13,7
A1211-13.75	13,75		94	160	108	13,75
A1211-13.8	13,8		94	160	108	13,8
A1211-35/64IN	13,891		94	160	108	13,891
A1211-13.9	13,9		94	160	108	13,9
A1211-14	14		94	160	108	14
A1211-14.1	14,1		99	169	114	14,1

Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211-14.2	14,2		99	169	114	14,2
A1211-14.25	14,25		99	169	114	14,25
A1211-9/16IN	14,288	9/16"	99	169	114	14,288
A1211-14.3	14,3		99	169	114	14,3
A1211-14.5	14,5		99	169	114	14,5
A1211-37/64IN	14,684	37/64"	99	169	114	14,684
A1211-14.75	14,75		99	169	114	14,75
A1211-15	15		99	169	114	15
A1211-19/32IN	15,081	19/32"	104	178	120	15,081
A1211-15.2	15,2		104	178	120	15,2
A1211-15.25	15,25		104	178	120	15,25
A1211-39/64IN	15,478	39/64"	104	178	120	15,478
A1211-15.5	15,5		104	178	120	15,5
A1211-15.75	15,75		104	178	120	15,75
A1211-5/8IN	15,875	5/8"	104	178	120	15,875
A1211-16	16		104	178	120	16
A1211-41/64IN	16,272		108	184	125	16,272
A1211-16.5	16,5		108	184	125	16,5
A1211-21/32IN	16,669		108	184	125	16,669
A1211-17	17		108	184	125	17
A1211-43/64IN	17,066		112	191	130	17,066
A1211-11/16IN	17,463		112	191	130	17,463
A1211-17.5	17,5		112	191	130	17,5
A1211-18	18		112	191	130	18
A1211-18.5	18,5		116	198	135	18,5
A1211-19	19		116	198	135	19
A1211-19.5	19,5		120	205	140	19,5
A1211-20	20		120	205	140	20
A1211-21	21		123	213	145	21
A1211-22	22		127	221	150	22

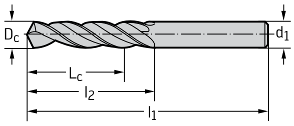


Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211TIN-0.5	0,5		5,2	22	6	0,5
A1211TIN-0.6	0,6		6,1	24	7	0,6
A1211TIN-0.7	0,7		7,8	28	9	0,7
A1211TIN-0.8	0,8		8,7	30	10	0,8
A1211TIN-0.9	0,9		9,5	32	11	0,9
A1211TIN-1	1		10	34	12	1
A1211TIN-1.1	1,1		12	36	14	1,1
A1211TIN-1.2	1,2		14	38	16	1,2
A1211TIN-1.3	1,3		14	38	16	1,3
A1211TIN-1.4	1,4		15	40	18	1,4
A1211TIN-1.5	1,5		15	40	18	1,5
A1211TIN-1.6	1,6		17	43	20	1,6
A1211TIN-1.7	1,7		17	43	20	1,7
A1211TIN-1.8	1,8		19	46	22	1,8
A1211TIN-1.9	1,9		19	46	22	1,9
A1211TIN-2	2		20	49	24	2
A1211TIN-2.1	2,1		20	49	24	2,1
A1211TIN-2.2	2,2		23	53	27	2,2

B1

Tool

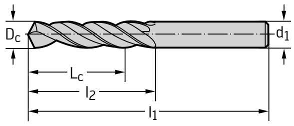


Cylindrical shank

B1

Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1211TIN-2.3	2,3		23	53	27	2,3
A1211TIN-2.4	2,4		26	57	30	2,4
A1211TIN-2.5	2,5		26	57	30	2,5
A1211TIN-2.6	2,6		26	57	30	2,6
A1211TIN-2.7	2,7		28	61	33	2,7
A1211TIN-2.8	2,8		28	61	33	2,8
A1211TIN-2.9	2,9		28	61	33	2,9
A1211TIN-3	3		28	61	33	3
A1211TIN-3.1	3,1		30	65	36	3,1
A1211TIN-3.2	3,2		30	65	36	3,2
A1211TIN-3.3	3,3		30	65	36	3,3
A1211TIN-3.4	3,4		33	70	39	3,4
A1211TIN-3.5	3,5		33	70	39	3,5
A1211TIN-3.6	3,6		33	70	39	3,6
A1211TIN-3.7	3,7		33	70	39	3,7
A1211TIN-3.8	3,8		36	75	43	3,8
A1211TIN-3.9	3,9		36	75	43	3,9
A1211TIN-4	4		36	75	43	4
A1211TIN-4.1	4,1		36	75	43	4,1
A1211TIN-4.2	4,2		36	75	43	4,2
A1211TIN-4.3	4,3		39	80	47	4,3
A1211TIN-4.4	4,4		39	80	47	4,4
A1211TIN-4.5	4,5		39	80	47	4,5
A1211TIN-4.6	4,6		39	80	47	4,6
A1211TIN-4.7	4,7		39	80	47	4,7
A1211TIN-4.8	4,8		44	86	52	4,8
A1211TIN-4.9	4,9		44	86	52	4,9
A1211TIN-5	5		44	86	52	5
A1211TIN-5.1	5,1		44	86	52	5,1
A1211TIN-5.2	5,2		44	86	52	5,2
A1211TIN-5.3	5,3		44	86	52	5,3
A1211TIN-5.4	5,4		48	93	57	5,4
A1211TIN-5.5	5,5		48	93	57	5,5
A1211TIN-5.6	5,6		48	93	57	5,6
A1211TIN-5.7	5,7		48	93	57	5,7
A1211TIN-5.8	5,8		48	93	57	5,8
A1211TIN-5.9	5,9		48	93	57	5,9
A1211TIN-6	6		48	93	57	6
A1211TIN-6.1	6,1		52	101	63	6,1
A1211TIN-6.2	6,2		52	101	63	6,2
A1211TIN-6.3	6,3		52	101	63	6,3
A1211TIN-6.4	6,4		52	101	63	6,4
A1211TIN-6.5	6,5		52	101	63	6,5
A1211TIN-6.6	6,6		52	101	63	6,6
A1211TIN-6.7	6,7		52	101	63	6,7
A1211TIN-6.8	6,8		57	109	69	6,8
A1211TIN-6.9	6,9		57	109	69	6,9
A1211TIN-7	7		57	109	69	7

Tool



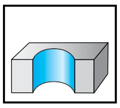
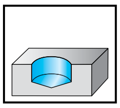
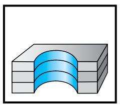
Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1211TIN-7.1	7,1		57	109	69	7,1
A1211TIN-7.2	7,2		57	109	69	7,2
A1211TIN-7.3	7,3		57	109	69	7,3
A1211TIN-7.4	7,4		57	109	69	7,4
A1211TIN-7.5	7,5		57	109	69	7,5
A1211TIN-7.6	7,6		62	117	75	7,6
A1211TIN-7.7	7,7		62	117	75	7,7
A1211TIN-7.8	7,8		62	117	75	7,8
A1211TIN-7.9	7,9		62	117	75	7,9
A1211TIN-8	8		62	117	75	8
A1211TIN-8.1	8,1		62	117	75	8,1
A1211TIN-8.2	8,2		62	117	75	8,2
A1211TIN-8.3	8,3		62	117	75	8,3
A1211TIN-8.4	8,4		62	117	75	8,4
A1211TIN-8.5	8,5		62	117	75	8,5
A1211TIN-8.6	8,6		66	125	81	8,6
A1211TIN-8.7	8,7		66	125	81	8,7
A1211TIN-8.8	8,8		66	125	81	8,8
A1211TIN-8.9	8,9		66	125	81	8,9
A1211TIN-9	9		66	125	81	9
A1211TIN-9.1	9,1		66	125	81	9,1
A1211TIN-9.2	9,2		66	125	81	9,2
A1211TIN-9.3	9,3		66	125	81	9,3
A1211TIN-9.4	9,4		66	125	81	9,4
A1211TIN-9.5	9,5		66	125	81	9,5
A1211TIN-9.6	9,6		71	133	87	9,6
A1211TIN-9.7	9,7		71	133	87	9,7
A1211TIN-9.8	9,8		71	133	87	9,8
A1211TIN-9.9	9,9		71	133	87	9,9
A1211TIN-10	10		71	133	87	10
A1211TIN-10.2	10,2		71	133	87	10,2
A1211TIN-10.5	10,5		71	133	87	10,5
A1211TIN-11	11		76	142	94	11
A1211TIN-11.5	11,5		76	142	94	11,5
A1211TIN-12	12		87	151	101	12
A1211TIN-12.5	12,5		87	151	101	12,5
A1211TIN-13	13		87	151	101	13
A1211TIN-13.5	13,5		94	160	108	13,5
A1211TIN-14	14		94	160	108	14
A1211TIN-14.5	14,5		99	169	114	14,5
A1211TIN-15	15		99	169	114	15
A1211TIN-16	16		104	178	120	16

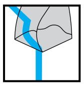
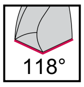
B1

HSS twist drills
DA110 Perform

– Available as a set
– Type N

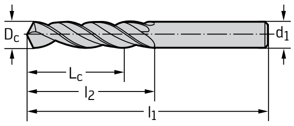
~8×D_c | DIN 338

	P	M	K	N	S	H	O
WZ90AJ	●●	●	●●	●			●

B1

Tool



Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11	WZ90AJ
DA110-08-01.000U0-	1	10	34	12	1	
DA110-08-01.100U0-	1,1	12	36	14	1,1	
DA110-08-01.200U0-	1,2	14	38	16	1,2	
DA110-08-01.300U0-	1,3	14	38	16	1,3	
DA110-08-01.400U0-	1,4	15	40	18	1,4	
DA110-08-01.500U0-	1,5	15	40	18	1,5	
DA110-08-01.600U0-	1,6	17	43	20	1,6	
DA110-08-01.700U0-	1,7	17	43	20	1,7	
DA110-08-01.800U0-	1,8	19	46	22	1,8	
DA110-08-01.900U0-	1,9	19	46	22	1,9	
DA110-08-02.000U0-	2	20	49	24	2	
DA110-08-02.100U0-	2,1	20	49	24	2,1	
DA110-08-02.200U0-	2,2	23	53	27	2,2	
DA110-08-02.300U0-	2,3	23	53	27	2,3	
DA110-08-02.400U0-	2,4	26	57	30	2,4	
DA110-08-02.500U0-	2,5	26	57	30	2,5	
DA110-08-02.600U0-	2,6	26	57	30	2,6	
DA110-08-02.700U0-	2,7	28	61	33	2,7	
DA110-08-02.800U0-	2,8	28	61	33	2,8	
DA110-08-02.900U0-	2,9	28	61	33	2,9	
DA110-08-03.000U0-	3	28	61	33	3	
DA110-08-03.100U0-	3,1	30	65	36	3,1	
DA110-08-03.200U0-	3,2	30	65	36	3,2	
DA110-08-03.300U0-	3,3	30	65	36	3,3	
DA110-08-03.400U0-	3,4	33	70	39	3,4	
DA110-08-03.500U0-	3,5	33	70	39	3,5	
DA110-08-03.600U0-	3,6	33	70	39	3,6	
DA110-08-03.700U0-	3,7	33	70	39	3,7	
DA110-08-03.800U0-	3,8	36	75	43	3,8	
DA110-08-03.900U0-	3,9	36	75	43	3,9	
DA110-08-04.000U0-	4	36	75	43	4	
DA110-08-04.100U0-	4,1	36	75	43	4,1	
DA110-08-04.200U0-	4,2	36	75	43	4,2	
DA110-08-04.300U0-	4,3	39	80	47	4,3	
DA110-08-04.400U0-	4,4	39	80	47	4,4	

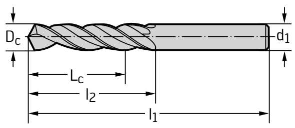
Ordering example for the grade WZ90AJ: DA110-08-01.000U0-WZ90AJ

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



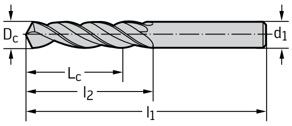
Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11	WZ90AJ
DA110-08-04.500U0-	4,5	39	80	47	4,5	
DA110-08-04.600U0-	4,6	39	80	47	4,6	
DA110-08-04.700U0-	4,7	39	80	47	4,7	
DA110-08-04.800U0-	4,8	44	86	52	4,8	
DA110-08-04.900U0-	4,9	44	86	52	4,9	
DA110-08-05.000U0-	5	44	86	52	5	
DA110-08-05.100U0-	5,1	44	86	52	5,1	
DA110-08-05.200U0-	5,2	44	86	52	5,2	
DA110-08-05.300U0-	5,3	44	86	52	5,3	
DA110-08-05.400U0-	5,4	48	93	57	5,4	
DA110-08-05.500U0-	5,5	48	93	57	5,5	
DA110-08-05.600U0-	5,6	48	93	57	5,6	
DA110-08-05.700U0-	5,7	48	93	57	5,7	
DA110-08-05.800U0-	5,8	48	93	57	5,8	
DA110-08-05.900U0-	5,9	48	93	57	5,9	
DA110-08-06.000U0-	6	48	93	57	6	
DA110-08-06.100U0-	6,1	52	101	63	6,1	
DA110-08-06.200U0-	6,2	52	101	63	6,2	
DA110-08-06.300U0-	6,3	52	101	63	6,3	
DA110-08-06.400U0-	6,4	52	101	63	6,4	
DA110-08-06.500U0-	6,5	52	101	63	6,5	
DA110-08-06.600U0-	6,6	52	101	63	6,6	
DA110-08-06.700U0-	6,7	52	101	63	6,7	
DA110-08-06.800U0-	6,8	57	109	69	6,8	
DA110-08-06.900U0-	6,9	57	109	69	6,9	
DA110-08-07.000U0-	7	57	109	69	7	
DA110-08-07.100U0-	7,1	57	109	69	7,1	
DA110-08-07.200U0-	7,2	57	109	69	7,2	
DA110-08-07.300U0-	7,3	57	109	69	7,3	
DA110-08-07.400U0-	7,4	57	109	69	7,4	
DA110-08-07.500U0-	7,5	57	109	69	7,5	
DA110-08-07.600U0-	7,6	62	117	75	7,6	
DA110-08-07.700U0-	7,7	62	117	75	7,7	
DA110-08-07.800U0-	7,8	62	117	75	7,8	
DA110-08-07.900U0-	7,9	62	117	75	7,9	
DA110-08-08.000U0-	8	62	117	75	8	
DA110-08-08.100U0-	8,1	62	117	75	8,1	
DA110-08-08.200U0-	8,2	62	117	75	8,2	
DA110-08-08.300U0-	8,3	62	117	75	8,3	
DA110-08-08.400U0-	8,4	62	117	75	8,4	
DA110-08-08.500U0-	8,5	62	117	75	8,5	
DA110-08-08.600U0-	8,6	66	125	81	8,6	
DA110-08-08.700U0-	8,7	66	125	81	8,7	
DA110-08-08.800U0-	8,8	66	125	81	8,8	
DA110-08-08.900U0-	8,9	66	125	81	8,9	
DA110-08-09.000U0-	9	66	125	81	9	
DA110-08-09.100U0-	9,1	66	125	81	9,1	
DA110-08-09.200U0-	9,2	66	125	81	9,2	

Ordering example for the grade WZ90AJ: DA110-08-01.000U0-WZ90AJ

B1

Tool

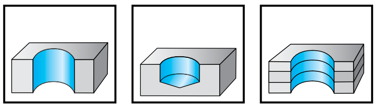


Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11	WZ90AJ
DA110-08-09.300U0-	9,3	66	125	81	9,3	
DA110-08-09.400U0-	9,4	66	125	81	9,4	
DA110-08-09.500U0-	9,5	66	125	81	9,5	
DA110-08-09.600U0-	9,6	71	133	87	9,6	
DA110-08-09.700U0-	9,7	71	133	87	9,7	
DA110-08-09.800U0-	9,8	71	133	87	9,8	
DA110-08-09.900U0-	9,9	71	133	87	9,9	
DA110-08-10.000U0-	10	71	133	87	10	
DA110-08-10.100U0-	10,1	71	133	87	10,1	
DA110-08-10.200U0-	10,2	71	133	87	10,2	
DA110-08-10.300U0-	10,3	71	133	87	10,3	
DA110-08-10.400U0-	10,4	71	133	87	10,4	
DA110-08-10.500U0-	10,5	71	133	87	10,5	
DA110-08-10.700U0-	10,7	76	142	94	10,7	
DA110-08-10.800U0-	10,8	76	142	94	10,8	
DA110-08-11.000U0-	11	76	142	94	11	
DA110-08-11.100U0-	11,1	76	142	94	11,1	
DA110-08-11.300U0-	11,3	76	142	94	11,3	
DA110-08-11.500U0-	11,5	76	142	94	11,5	
DA110-08-11.800U0-	11,8	76	142	94	11,8	
DA110-08-12.000U0-	12	87	151	101	12	
DA110-08-12.100U0-	12,1	87	151	101	12,1	
DA110-08-12.200U0-	12,2	87	151	101	12,2	
DA110-08-12.500U0-	12,5	87	151	101	12,5	
DA110-08-13.000U0-	13	87	151	101	13	
DA110-08-13.500U0-	13,5	94	160	108	13,5	
DA110-08-13.700U0-	13,7	94	160	108	13,7	
DA110-08-14.000U0-	14	94	160	108	14	
DA110-08-14.500U0-	14,5	99	169	114	14,5	
DA110-08-15.000U0-	15	99	169	114	15	
DA110-08-15.500U0-	15,5	104	178	120	15,5	
DA110-08-16.000U0-	16	104	178	120	16	

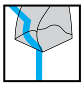
Ordering example for the grade WZ90AJ: DA110-08-01.000U0-WZ90AJ

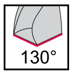
HSS-E deep-hole drills, long
A1549TFP
UFL®



~12×D_c

DIN 340

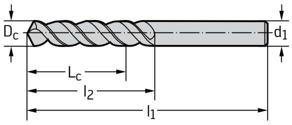




	P	M	K	N	S	H	O
TFP	●●	●●	●●	●●	●		●

B1

Tool



Cylindrical shank

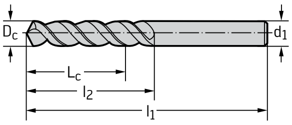
Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1549TFP-1	1	31	56	33	1
A1549TFP-1.1	1,1	35	60	37	1,1
A1549TFP-1.2	1,2	39	65	41	1,2
A1549TFP-1.3	1,3	39	65	41	1,3
A1549TFP-1.4	1,4	42	70	45	1,4
A1549TFP-1.5	1,5	42	70	45	1,5
A1549TFP-1.6	1,6	47	76	50	1,6
A1549TFP-1.7	1,7	47	76	50	1,7
A1549TFP-1.8	1,8	50	80	53	1,8
A1549TFP-1.9	1,9	50	80	53	1,9
A1549TFP-2	2	52	85	56	2
A1549TFP-2.1	2,1	52	85	56	2,1
A1549TFP-2.2	2,2	55	90	59	2,2
A1549TFP-2.3	2,3	55	90	59	2,3
A1549TFP-2.4	2,4	58	95	62	2,4
A1549TFP-2.5	2,5	58	95	62	2,5
A1549TFP-2.6	2,6	58	95	62	2,6
A1549TFP-2.7	2,7	61	100	66	2,7
A1549TFP-2.8	2,8	61	100	66	2,8
A1549TFP-2.9	2,9	61	100	66	2,9
A1549TFP-3	3	61	100	66	3
A1549TFP-3.1	3,1	63	106	69	3,1
A1549TFP-3.2	3,2	63	106	69	3,2
A1549TFP-3.3	3,3	63	106	69	3,3
A1549TFP-3.4	3,4	67	112	73	3,4
A1549TFP-3.5	3,5	67	112	73	3,5
A1549TFP-3.6	3,6	67	112	73	3,6
A1549TFP-3.7	3,7	67	112	73	3,7
A1549TFP-3.8	3,8	71	119	78	3,8
A1549TFP-3.9	3,9	71	119	78	3,9
A1549TFP-4	4	71	119	78	4
A1549TFP-4.1	4,1	71	119	78	4,1
A1549TFP-4.2	4,2	71	119	78	4,2
A1549TFP-4.3	4,3	74	126	82	4,3
A1549TFP-4.4	4,4	74	126	82	4,4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

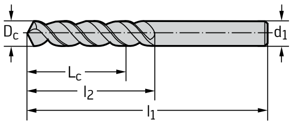
Tool



Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1549TFP-4.5	4,5	74	126	82	4,5
A1549TFP-4.6	4,6	74	126	82	4,6
A1549TFP-4.7	4,7	74	126	82	4,7
A1549TFP-4.8	4,8	79	132	87	4,8
A1549TFP-4.9	4,9	79	132	87	4,9
A1549TFP-5	5	79	132	87	5
A1549TFP-5.1	5,1	79	132	87	5,1
A1549TFP-5.2	5,2	79	132	87	5,2
A1549TFP-5.3	5,3	79	132	87	5,3
A1549TFP-5.4	5,4	82	139	91	5,4
A1549TFP-5.5	5,5	82	139	91	5,5
A1549TFP-5.6	5,6	82	139	91	5,6
A1549TFP-5.7	5,7	82	139	91	5,7
A1549TFP-5.8	5,8	82	139	91	5,8
A1549TFP-5.9	5,9	82	139	91	5,9
A1549TFP-6	6	82	139	91	6
A1549TFP-6.1	6,1	86	148	97	6,1
A1549TFP-6.2	6,2	86	148	97	6,2
A1549TFP-6.3	6,3	86	148	97	6,3
A1549TFP-6.4	6,4	86	148	97	6,4
A1549TFP-6.5	6,5	86	148	97	6,5
A1549TFP-6.6	6,6	86	148	97	6,6
A1549TFP-6.7	6,7	86	148	97	6,7
A1549TFP-6.8	6,8	90	156	102	6,8
A1549TFP-6.9	6,9	90	156	102	6,9
A1549TFP-7	7	90	156	102	7
A1549TFP-7.1	7,1	90	156	102	7,1
A1549TFP-7.2	7,2	90	156	102	7,2
A1549TFP-7.3	7,3	90	156	102	7,3
A1549TFP-7.4	7,4	90	156	102	7,4
A1549TFP-7.5	7,5	90	156	102	7,5
A1549TFP-7.6	7,6	96	165	109	7,6
A1549TFP-7.7	7,7	96	165	109	7,7
A1549TFP-7.8	7,8	96	165	109	7,8
A1549TFP-7.9	7,9	96	165	109	7,9
A1549TFP-8	8	96	165	109	8
A1549TFP-8.1	8,1	96	165	109	8,1
A1549TFP-8.2	8,2	96	165	109	8,2
A1549TFP-8.3	8,3	96	165	109	8,3
A1549TFP-8.4	8,4	96	165	109	8,4
A1549TFP-8.5	8,5	96	165	109	8,5
A1549TFP-8.6	8,6	100	175	115	8,6
A1549TFP-8.7	8,7	100	175	115	8,7
A1549TFP-8.8	8,8	100	175	115	8,8
A1549TFP-8.9	8,9	100	175	115	8,9
A1549TFP-9	9	100	175	115	9
A1549TFP-9.1	9,1	100	175	115	9,1
A1549TFP-9.3	9,3	100	175	115	9,3

Tool

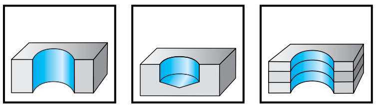


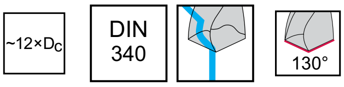
Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1549TFP-9.4	9,4	100	175	115	9,4
A1549TFP-9.5	9,5	100	175	115	9,5
A1549TFP-9.6	9,6	105	184	121	9,6
A1549TFP-9.7	9,7	105	184	121	9,7
A1549TFP-9.8	9,8	105	184	121	9,8
A1549TFP-9.9	9,9	105	184	121	9,9
A1549TFP-10	10	105	184	121	10
A1549TFP-10.2	10,2	105	184	121	10,2
A1549TFP-10.5	10,5	105	184	121	10,5
A1549TFP-11	11	110	195	128	11
A1549TFP-11.5	11,5	110	195	128	11,5
A1549TFP-12	12	120	205	134	12

HSS-E twist drills, long
A1547
Alpha® XE

– Uncoated up to 1.9 mm

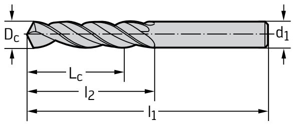




B1

	P	M	K	N	S	H	O
uncoated	●	●●	●●	●	●●		●

Tool



Cylindrical shank

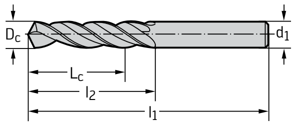
Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1547-1	1		31	56	33	1
A1547-N060	1,016	No. 60	31	56	33	1,016
A1547-N059	1,041	No. 59	31	56	33	1,041
A1547-N058	1,067	No. 58	35	60	37	1,067
A1547-N057	1,092	No. 57	35	60	37	1,092
A1547-1.1	1,1		35	60	37	1,1
A1547-N056	1,181	No. 56	39	65	41	1,181
A1547-3/64IN	1,191	3/64"	39	65	41	1,191
A1547-1.2	1,2		39	65	41	1,2
A1547-1.3	1,3		39	65	41	1,3
A1547-N055	1,321	No. 55	42	70	45	1,321
A1547-1.4	1,4		42	70	45	1,4
A1547-1.5	1,5		42	70	45	1,5
A1547-N053	1,511	No. 53	47	76	50	1,511
A1547-1/16IN	1,588	1/16"	47	76	50	1,588
A1547-1.6	1,6		47	76	50	1,6
A1547-N052	1,613	No. 52	47	76	50	1,613
A1547-1.7	1,7		47	76	50	1,7
A1547-N051	1,702	No. 51	50	80	53	1,702
A1547-N050	1,778	No. 50	50	80	53	1,778
A1547-1.8	1,8		50	80	53	1,8
A1547-N049	1,854	No. 49	50	80	53	1,854
A1547-1.9	1,9		50	80	53	1,9
A1547-N048	1,93	No. 48	52	85	56	1,93
A1547-5/64IN	1,984	5/64"	52	85	56	1,984
A1547-N047	1,994	No. 47	52	85	56	1,994
A1547-2	2		52	85	56	2
A1547-N046	2,057	No. 46	52	85	56	2,057
A1547-N045	2,083	No. 45	52	85	56	2,083
A1547-2.1	2,1		52	85	56	2,1
A1547-N044	2,184	No. 44	55	90	59	2,184
A1547-2.2	2,2		55	90	59	2,2
A1547-N043	2,261	No. 43	55	90	59	2,261
A1547-2.3	2,3		55	90	59	2,3
A1547-N042	2,375	No. 42	58	95	62	2,375

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

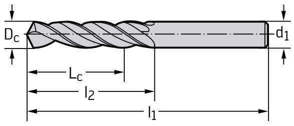


Cylindrical shank

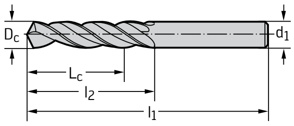
Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1547-3/32IN	2,381	3/32"	58	95	62	2,381
A1547-2.4	2,4		58	95	62	2,4
A1547-NO41	2,438	No. 41	58	95	62	2,438
A1547-NO40	2,489	No. 40	58	95	62	2,489
A1547-2.5	2,5		58	95	62	2,5
A1547-NO38	2,578	No. 38	58	95	62	2,578
A1547-2.6	2,6		58	95	62	2,6
A1547-NO37	2,642	No. 37	58	95	62	2,642
A1547-2.7	2,7		61	100	66	2,7
A1547-7/64IN	2,778	7/64"	61	100	66	2,778
A1547-NO35	2,794	No. 35	61	100	66	2,794
A1547-2.8	2,8		61	100	66	2,8
A1547-NO33	2,87	No. 33	61	100	66	2,87
A1547-2.9	2,9		61	100	66	2,9
A1547-NO32	2,946	No. 32	61	100	66	2,946
A1547-3	3		61	100	66	3
A1547-NO31	3,048	No. 31	63	106	69	3,048
A1547-3.1	3,1		63	106	69	3,1
A1547-1/8IN	3,175	1/8"	63	106	69	3,175
A1547-3.2	3,2		63	106	69	3,2
A1547-NO30	3,264	No. 30	63	106	69	3,264
A1547-3.3	3,3		63	106	69	3,3
A1547-3.4	3,4		67	112	73	3,4
A1547-3.5	3,5		67	112	73	3,5
A1547-9/64IN	3,572	9/64"	67	112	73	3,572
A1547-3.6	3,6		67	112	73	3,6
A1547-3.7	3,7		67	112	73	3,7
A1547-3.8	3,8		71	119	78	3,8
A1547-3.9	3,9		71	119	78	3,9
A1547-5/32IN	3,969	5/32"	71	119	78	3,969
A1547-4	4		71	119	78	4
A1547-4.1	4,1		71	119	78	4,1
A1547-4.2	4,2		71	119	78	4,2
A1547-4.3	4,3		74	126	82	4,3
A1547-11/64IN	4,366	11/64"	74	126	82	4,366
A1547-4.4	4,4		74	126	82	4,4
A1547-4.5	4,5		74	126	82	4,5
A1547-4.6	4,6		74	126	82	4,6
A1547-4.7	4,7		74	126	82	4,7
A1547-3/16IN	4,763	3/16"	79	132	87	4,763
A1547-4.8	4,8		79	132	87	4,8
A1547-4.9	4,9		79	132	87	4,9
A1547-5	5		79	132	87	5
A1547-5.1	5,1		79	132	87	5,1
A1547-13/64IN	5,159	13/64"	79	132	87	5,159
A1547-5.2	5,2		79	132	87	5,2
A1547-5.4	5,4		82	139	91	5,4
A1547-5.5	5,5		82	139	91	5,5

B1

Tool



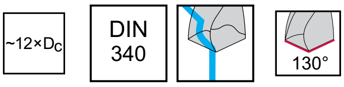
Cylindrical shank

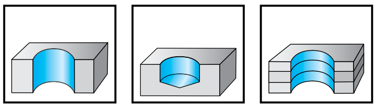


Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1547-7/32IN	5,556	7/32"	82	139	91	5,556
A1547-5.6	5,6		82	139	91	5,6
A1547-5.7	5,7		82	139	91	5,7
A1547-5.8	5,8		82	139	91	5,8
A1547-5.9	5,9		82	139	91	5,9
A1547-15/64IN	5,953	15/64"	82	139	91	5,953
A1547-6	6		82	139	91	6
A1547-6.1	6,1		86	148	97	6,1
A1547-6.2	6,2		86	148	97	6,2
A1547-6.3	6,3		86	148	97	6,3
A1547-1/4IN	6,35	1/4"	86	148	97	6,35
A1547-6.4	6,4		86	148	97	6,4
A1547-6.5	6,5		86	148	97	6,5
A1547-6.6	6,6		86	148	97	6,6
A1547-6.7	6,7		86	148	97	6,7
A1547-17/64IN	6,747	17/64"	90	156	102	6,747
A1547-6.8	6,8		90	156	102	6,8
A1547-7	7		90	156	102	7
A1547-9/32IN	7,144	9/32"	90	156	102	7,144
A1547-7.2	7,2		90	156	102	7,2
A1547-7.4	7,4		90	156	102	7,4
A1547-7.5	7,5		90	156	102	7,5
A1547-7.6	7,6		96	165	109	7,6
A1547-7.7	7,7		96	165	109	7,7
A1547-7.8	7,8		96	165	109	7,8
A1547-7.9	7,9		96	165	109	7,9
A1547-5/16IN	7,938	5/16"	96	165	109	7,938
A1547-8	8		96	165	109	8
A1547-8.1	8,1		96	165	109	8,1
A1547-8.2	8,2		96	165	109	8,2
A1547-8.3	8,3		96	165	109	8,3
A1547-21/64IN	8,334	21/64"	96	165	109	8,334
A1547-8.5	8,5		96	165	109	8,5
A1547-8.6	8,6		100	175	115	8,6
A1547-8.7	8,7		100	175	115	8,7
A1547-11/32IN	8,731	11/32"	100	175	115	8,731
A1547-8.8	8,8		100	175	115	8,8
A1547-9	9		100	175	115	9
A1547-23/64IN	9,128	23/64"	100	175	115	9,128
A1547-3/8IN	9,525	3/8"	105	184	121	9,525
A1547-25/64IN	9,922	25/64"	105	184	121	9,922
A1547-10	10		105	184	121	10
A1547-10.2	10,2		105	184	121	10,2
A1547-13/32IN	10,319	13/32"	105	184	121	10,319
A1547-10.5	10,5		105	184	121	10,5
A1547-27/64IN	10,716	27/64"	110	195	128	10,716
A1547-11	11		110	195	128	11
A1547-7/16IN	11,113	7/16"	110	195	128	11,113
A1547-11.5	11,5		110	195	128	11,5
A1547-15/32IN	11,906	15/32"	120	205	134	11,906
A1547-12	12		120	205	134	12
A1547-31/64IN	12,303	31/64"	120	205	134	12,303
A1547-1/2IN	12,7	1/2"	120	205	134	12,7

HSS-E twist drills, long
A1544
VA

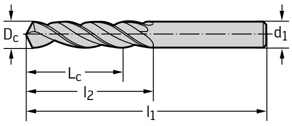




	P	M	K	N	S	H	O
uncoated	●	●●		●	●●		

B1

Tool



Cylindrical shank

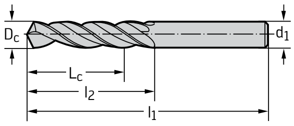
Designation	h8	Lc mm	l1 mm	l2 mm	f11
A1544-1	1	31	56	33	1
A1544-1.1	1,1	35	60	37	1,1
A1544-1.2	1,2	39	65	41	1,2
A1544-1.3	1,3	39	65	41	1,3
A1544-1.4	1,4	42	70	45	1,4
A1544-1.5	1,5	42	70	45	1,5
A1544-1.6	1,6	47	76	50	1,6
A1544-1.7	1,7	47	76	50	1,7
A1544-1.8	1,8	50	80	53	1,8
A1544-1.9	1,9	50	80	53	1,9
A1544-2	2	52	85	56	2
A1544-2.1	2,1	52	85	56	2,1
A1544-2.2	2,2	55	90	59	2,2
A1544-2.3	2,3	55	90	59	2,3
A1544-2.4	2,4	58	95	62	2,4
A1544-2.5	2,5	58	95	62	2,5
A1544-2.6	2,6	58	95	62	2,6
A1544-2.7	2,7	61	100	66	2,7
A1544-2.8	2,8	61	100	66	2,8
A1544-2.9	2,9	61	100	66	2,9
A1544-3	3	61	100	66	3
A1544-3.1	3,1	63	106	69	3,1
A1544-3.2	3,2	63	106	69	3,2
A1544-3.3	3,3	63	106	69	3,3
A1544-3.4	3,4	67	112	73	3,4
A1544-3.5	3,5	67	112	73	3,5
A1544-3.6	3,6	67	112	73	3,6
A1544-3.7	3,7	67	112	73	3,7
A1544-3.8	3,8	71	119	78	3,8
A1544-3.9	3,9	71	119	78	3,9
A1544-4	4	71	119	78	4
A1544-4.1	4,1	71	119	78	4,1
A1544-4.2	4,2	71	119	78	4,2
A1544-4.3	4,3	74	126	82	4,3
A1544-4.4	4,4	74	126	82	4,4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool

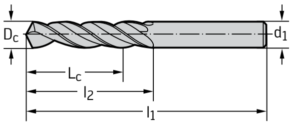


Cylindrical shank

B1

Designation	h8	Lc mm	l1 mm	l2 mm	f11
A1544-4.5	4,5	74	126	82	4,5
A1544-4.6	4,6	74	126	82	4,6
A1544-4.7	4,7	74	126	82	4,7
A1544-4.8	4,8	79	132	87	4,8
A1544-4.9	4,9	79	132	87	4,9
A1544-5	5	79	132	87	5
A1544-5.1	5,1	79	132	87	5,1
A1544-5.2	5,2	79	132	87	5,2
A1544-5.3	5,3	79	132	87	5,3
A1544-5.4	5,4	82	139	91	5,4
A1544-5.5	5,5	82	139	91	5,5
A1544-5.6	5,6	82	139	91	5,6
A1544-5.7	5,7	82	139	91	5,7
A1544-5.8	5,8	82	139	91	5,8
A1544-5.9	5,9	82	139	91	5,9
A1544-6	6	82	139	91	6
A1544-6.1	6,1	86	148	97	6,1
A1544-6.2	6,2	86	148	97	6,2
A1544-6.3	6,3	86	148	97	6,3
A1544-6.4	6,4	86	148	97	6,4
A1544-6.5	6,5	86	148	97	6,5
A1544-6.6	6,6	86	148	97	6,6
A1544-6.7	6,7	86	148	97	6,7
A1544-6.8	6,8	90	156	102	6,8
A1544-6.9	6,9	90	156	102	6,9
A1544-7	7	90	156	102	7
A1544-7.1	7,1	90	156	102	7,1
A1544-7.2	7,2	90	156	102	7,2
A1544-7.3	7,3	90	156	102	7,3
A1544-7.4	7,4	90	156	102	7,4
A1544-7.5	7,5	90	156	102	7,5
A1544-7.6	7,6	96	165	109	7,6
A1544-7.7	7,7	96	165	109	7,7
A1544-7.8	7,8	96	165	109	7,8
A1544-7.9	7,9	96	165	109	7,9
A1544-8	8	96	165	109	8
A1544-8.1	8,1	96	165	109	8,1
A1544-8.2	8,2	96	165	109	8,2
A1544-8.3	8,3	96	165	109	8,3
A1544-8.4	8,4	96	165	109	8,4
A1544-8.5	8,5	96	165	109	8,5
A1544-8.6	8,6	100	175	115	8,6
A1544-8.7	8,7	100	175	115	8,7
A1544-8.8	8,8	100	175	115	8,8
A1544-8.9	8,9	100	175	115	8,9
A1544-9	9	100	175	115	9
A1544-9.1	9,1	100	175	115	9,1
A1544-9.2	9,2	100	175	115	9,2

Tool



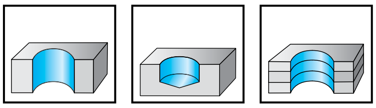
Cylindrical shank

Designation	h8	Lc mm	l1 mm	l2 mm	f11
A1544-9.3	9,3	100	175	115	9,3
A1544-9.4	9,4	100	175	115	9,4
A1544-9.5	9,5	100	175	115	9,5
A1544-9.6	9,6	105	184	121	9,6
A1544-9.7	9,7	105	184	121	9,7
A1544-9.8	9,8	105	184	121	9,8
A1544-9.9	9,9	105	184	121	9,9
A1544-10	10	105	184	121	10
A1544-10.2	10,2	105	184	121	10,2
A1544-10.5	10,5	105	184	121	10,5
A1544-10.8	10,8	110	195	128	10,8
A1544-11	11	110	195	128	11
A1544-11.2	11,2	110	195	128	11,2
A1544-11.5	11,5	110	195	128	11,5
A1544-11.8	11,8	110	195	128	11,8
A1544-12	12	120	205	134	12

B1

HSS deep-hole drills, long
A1522
UFL®

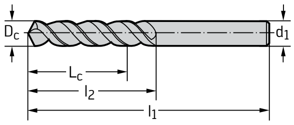
– Uncoated up to 1.9 mm



~12×Dc | DIN 340 | 130°

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Cylindrical shank

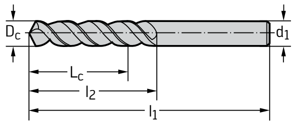
Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1522-1	1		31	56	33	1
A1522-N060	1,016	No. 60	31	56	33	1,016
A1522-N059	1,041	No. 59	31	56	33	1,041
A1522-N058	1,067	No. 58	35	60	37	1,067
A1522-N057	1,092	No. 57	35	60	37	1,092
A1522-1.1	1,1		35	60	37	1,1
A1522-N056	1,181	No. 56	39	65	41	1,181
A1522-3/64IN	1,191	3/64"	39	65	41	1,191
A1522-1.2	1,2		39	65	41	1,2
A1522-1.3	1,3		39	65	41	1,3
A1522-N055	1,321	No. 55	42	70	45	1,321
A1522-N054	1,397	No. 54	42	70	45	1,397
A1522-1.4	1,4		42	70	45	1,4
A1522-1.5	1,5		42	70	45	1,5
A1522-N053	1,511	No. 53	47	76	50	1,511
A1522-1/16IN	1,588	1/16"	47	76	50	1,588
A1522-1.6	1,6		47	76	50	1,6
A1522-N052	1,613	No. 52	47	76	50	1,613
A1522-1.7	1,7		47	76	50	1,7
A1522-N051	1,702	No. 51	50	80	53	1,702
A1522-N050	1,778	No. 50	50	80	53	1,778
A1522-1.8	1,8		50	80	53	1,8
A1522-N049	1,854	No. 49	50	80	53	1,854
A1522-1.9	1,9		50	80	53	1,9
A1522-N048	1,93	No. 48	52	85	56	1,93
A1522-5/64IN	1,984	5/64"	52	85	56	1,984
A1522-N047	1,994	No. 47	52	85	56	1,994
A1522-2	2		52	85	56	2
A1522-N046	2,057	No. 46	52	85	56	2,057
A1522-N045	2,083	No. 45	52	85	56	2,083
A1522-2.1	2,1		52	85	56	2,1
A1522-N044	2,184	No. 44	55	90	59	2,184
A1522-2.2	2,2		55	90	59	2,2
A1522-N043	2,261	No. 43	55	90	59	2,261
A1522-2.3	2,3		55	90	59	2,3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



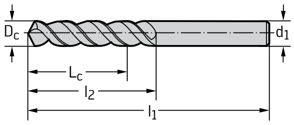
Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1522-NO42	2,375	No. 42	58	95	62	2,375
A1522-3/32IN	2,381	3/32"	58	95	62	2,381
A1522-2.4	2,4		58	95	62	2,4
A1522-NO41	2,438	No. 41	58	95	62	2,438
A1522-NO40	2,489	No. 40	58	95	62	2,489
A1522-2.5	2,5		58	95	62	2,5
A1522-NO39	2,527	No. 39	58	95	62	2,527
A1522-NO38	2,578	No. 38	58	95	62	2,578
A1522-2.6	2,6		58	95	62	2,6
A1522-NO37	2,642	No. 37	58	95	62	2,642
A1522-2.7	2,7		61	100	66	2,7
A1522-NO36	2,705	No. 36	61	100	66	2,705
A1522-7/64IN	2,778	7/64"	61	100	66	2,778
A1522-NO35	2,794	No. 35	61	100	66	2,794
A1522-2.8	2,8		61	100	66	2,8
A1522-NO34	2,819	No. 34	61	100	66	2,819
A1522-NO33	2,87	No. 33	61	100	66	2,87
A1522-2.9	2,9		61	100	66	2,9
A1522-NO32	2,946	No. 32	61	100	66	2,946
A1522-3	3		61	100	66	3
A1522-NO31	3,048	No. 31	63	106	69	3,048
A1522-3.1	3,1		63	106	69	3,1
A1522-1/8IN	3,175	1/8"	63	106	69	3,175
A1522-3.2	3,2		63	106	69	3,2
A1522-NO30	3,264	No. 30	63	106	69	3,264
A1522-3.3	3,3		63	106	69	3,3
A1522-3.4	3,4		67	112	73	3,4
A1522-NO29	3,454	No. 29	67	112	73	3,454
A1522-3.5	3,5		67	112	73	3,5
A1522-NO28	3,569	No. 28	67	112	73	3,569
A1522-9/64IN	3,572	9/64"	67	112	73	3,572
A1522-3.6	3,6		67	112	73	3,6
A1522-NO27	3,658	No. 27	67	112	73	3,658
A1522-3.7	3,7		67	112	73	3,7
A1522-NO26	3,734	No. 26	67	112	73	3,734
A1522-NO25	3,797	No. 25	71	119	78	3,797
A1522-3.8	3,8		71	119	78	3,8
A1522-NO24	3,861	No. 24	71	119	78	3,861
A1522-3.9	3,9		71	119	78	3,9
A1522-NO23	3,912	No. 23	71	119	78	3,912
A1522-5/32IN	3,969	5/32"	71	119	78	3,969
A1522-NO22	3,988	No. 22	71	119	78	3,988
A1522-4	4		71	119	78	4
A1522-NO21	4,039	No. 21	71	119	78	4,039
A1522-NO20	4,089	No. 20	71	119	78	4,089
A1522-4.1	4,1		71	119	78	4,1
A1522-4.2	4,2		71	119	78	4,2
A1522-NO19	4,216	No. 19	71	119	78	4,216

B1

B1

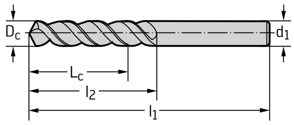
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1522-4.3	4,3		74	126	82	4,3
A1522-NO18	4,305	No. 18	74	126	82	4,305
A1522-11/64IN	4,366	11/64"	74	126	82	4,366
A1522-NO17	4,394	No. 17	74	126	82	4,394
A1522-4.4	4,4		74	126	82	4,4
A1522-NO16	4,496	No. 16	74	126	82	4,496
A1522-4.5	4,5		74	126	82	4,5
A1522-NO15	4,572	No. 15	74	126	82	4,572
A1522-4.6	4,6		74	126	82	4,6
A1522-NO14	4,623	No. 14	74	126	82	4,623
A1522-NO13	4,699	No. 13	74	126	82	4,699
A1522-4.7	4,7		74	126	82	4,7
A1522-3/16IN	4,763	3/16"	79	132	87	4,763
A1522-4.8	4,8		79	132	87	4,8
A1522-NO11	4,851	No. 11	79	132	87	4,851
A1522-4.9	4,9		79	132	87	4,9
A1522-NO10	4,915	No. 10	79	132	87	4,915
A1522-NO9	4,978	No. 09	79	132	87	4,978
A1522-5	5		79	132	87	5
A1522-NO8	5,055	No. 08	79	132	87	5,055
A1522-5.1	5,1		79	132	87	5,1
A1522-NO7	5,105	No. 07	79	132	87	5,105
A1522-13/64IN	5,159	13/64"	79	132	87	5,159
A1522-NO6	5,182	No. 06	79	132	87	5,182
A1522-5.2	5,2		79	132	87	5,2
A1522-NO5	5,22	No. 05	79	132	87	5,22
A1522-5.3	5,3		79	132	87	5,3
A1522-NO4	5,309	No. 04	82	139	91	5,309
A1522-5.4	5,4		82	139	91	5,4
A1522-NO3	5,41	No. 03	82	139	91	5,41
A1522-5.5	5,5		82	139	91	5,5
A1522-7/32IN	5,556	7/32"	82	139	91	5,556
A1522-5.6	5,6		82	139	91	5,6
A1522-NO2	5,613	No. 02	82	139	91	5,613
A1522-5.7	5,7		82	139	91	5,7
A1522-NO1	5,791	No. 01	82	139	91	5,791
A1522-5.8	5,8		82	139	91	5,8
A1522-5.9	5,9		82	139	91	5,9
A1522-15/64IN	5,953	15/64"	82	139	91	5,953
A1522-6	6		82	139	91	6
A1522-6.1	6,1		86	148	97	6,1
A1522-6.2	6,2		86	148	97	6,2
A1522-6.3	6,3		86	148	97	6,3
A1522-1/4IN	6,35	1/4"	86	148	97	6,35
A1522-6.4	6,4		86	148	97	6,4
A1522-6.5	6,5		86	148	97	6,5
A1522-6.6	6,6		86	148	97	6,6
A1522-6.7	6,7		86	148	97	6,7

Tool

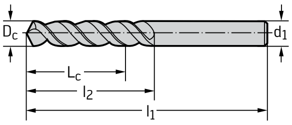


Cylindrical shank

B1

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1522-17/64IN	6,747	17/64"	90	156	102	6,747
A1522-6.8	6,8		90	156	102	6,8
A1522-6.9	6,9		90	156	102	6,9
A1522-7	7		90	156	102	7
A1522-7.1	7,1		90	156	102	7,1
A1522-9/32IN	7,144	9/32"	90	156	102	7,144
A1522-7.2	7,2		90	156	102	7,2
A1522-7.3	7,3		90	156	102	7,3
A1522-7.4	7,4		90	156	102	7,4
A1522-7.5	7,5		90	156	102	7,5
A1522-19/64IN	7,541	19/64"	96	165	109	7,541
A1522-7.6	7,6		96	165	109	7,6
A1522-7.7	7,7		96	165	109	7,7
A1522-7.8	7,8		96	165	109	7,8
A1522-7.9	7,9		96	165	109	7,9
A1522-5/16IN	7,938	5/16"	96	165	109	7,938
A1522-8	8		96	165	109	8
A1522-8.1	8,1		96	165	109	8,1
A1522-8.2	8,2		96	165	109	8,2
A1522-8.3	8,3		96	165	109	8,3
A1522-21/64IN	8,334	21/64"	96	165	109	8,334
A1522-8.4	8,4		96	165	109	8,4
A1522-8.5	8,5		96	165	109	8,5
A1522-8.6	8,6		100	175	115	8,6
A1522-8.7	8,7		100	175	115	8,7
A1522-11/32IN	8,731	11/32"	100	175	115	8,731
A1522-8.8	8,8		100	175	115	8,8
A1522-8.9	8,9		100	175	115	8,9
A1522-9	9		100	175	115	9
A1522-9.1	9,1		100	175	115	9,1
A1522-23/64IN	9,128	23/64"	100	175	115	9,128
A1522-9.2	9,2		100	175	115	9,2
A1522-9.3	9,3		100	175	115	9,3
A1522-9.4	9,4		100	175	115	9,4
A1522-9.5	9,5		100	175	115	9,5
A1522-3/8IN	9,525	3/8"	105	184	121	9,525
A1522-9.6	9,6		105	184	121	9,6
A1522-9.7	9,7		105	184	121	9,7
A1522-9.8	9,8		105	184	121	9,8
A1522-9.9	9,9		105	184	121	9,9
A1522-25/64IN	9,922	25/64"	105	184	121	9,922
A1522-10	10		105	184	121	10
A1522-10.2	10,2		105	184	121	10,2
A1522-13/32IN	10,319	13/32"	105	184	121	10,319
A1522-10.5	10,5		105	184	121	10,5
A1522-27/64IN	10,716	27/64"	110	195	128	10,716
A1522-10.8	10,8		110	195	128	10,8
A1522-11	11		110	195	128	11

Tool



Cylindrical shank

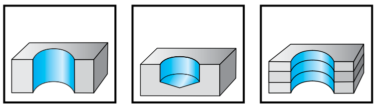
Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1522-7/16IN	11,113	7/16"	110	195	128	11,113
A1522-11.2	11,2		110	195	128	11,2
A1522-11.5	11,5		110	195	128	11,5
A1522-29/64IN	11,509	29/64"	110	195	128	11,509
A1522-11.8	11,8		110	195	128	11,8
A1522-15/32IN	11,906	15/32"	120	205	134	11,906
A1522-12	12		120	205	134	12
A1522-31/64IN	12,303	31/64"	120	205	134	12,303
A1522-1/2IN	12,7	1/2"	120	205	134	12,7
A1522-9/16IN	14,288	9/16"	129	220	144	14,288
A1522-37/64IN	14,684	37/64"	129	220	144	14,684
A1522-39/64IN	15,478	39/64"	133	227	149	15,478
A1522-5/8IN	15,875	5/8"	133	227	149	15,875
A1522-21/32IN	16,669		137	235	154	16,669
A1522-11/16IN	17,463		140	241	158	17,463
A1522-3/4IN	19,05	3/4"	146	254	166	19,05
A1522-25/32IN	19,844		146	254	166	19,844
A1522-13/16IN	20,638		149	261	171	20,638
A1522-7/8IN	22,225	7/8"	153	268	176	22,225

B1

HSS twist drills, long

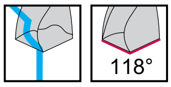
A1511

– Uncoated up to 3 mm
– Type N



~12×Dc

DIN 340

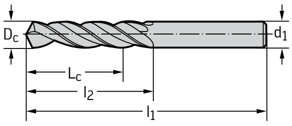


118°

	P	M	K	N	S	H	O
uncoated	●	●	●	●	●		●

B1

Tool



Cylindrical shank

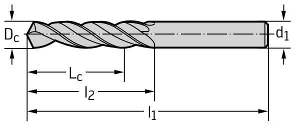
Designation	h8	Lc mm	l1 mm	l2 mm	f11
A1511-0.5	0,5	11,2	32	12	0,5
A1511-0.6	0,6	14,1	35	15	0,6
A1511-0.7	0,7	19,8	42	21	0,7
A1511-0.8	0,8	23,7	46	25	0,8
A1511-0.9	0,9	27,5	51	29	0,9
A1511-1	1	31	56	33	1
A1511-1.1	1,1	35	60	37	1,1
A1511-1.2	1,2	39	65	41	1,2
A1511-1.3	1,3	39	65	41	1,3
A1511-1.4	1,4	42	70	45	1,4
A1511-1.5	1,5	42	70	45	1,5
A1511-1.6	1,6	47	76	50	1,6
A1511-1.65	1,65	47	76	50	1,65
A1511-1.7	1,7	47	76	50	1,7
A1511-1.75	1,75	50	80	53	1,75
A1511-1.8	1,8	50	80	53	1,8
A1511-1.9	1,9	50	80	53	1,9
A1511-2	2	52	85	56	2
A1511-2.05	2,05	52	85	56	2,05
A1511-2.1	2,1	52	85	56	2,1
A1511-2.2	2,2	55	90	59	2,2
A1511-2.25	2,25	55	90	59	2,25
A1511-2.3	2,3	55	90	59	2,3
A1511-2.4	2,4	58	95	62	2,4
A1511-2.5	2,5	58	95	62	2,5
A1511-2.6	2,6	58	95	62	2,6
A1511-2.7	2,7	61	100	66	2,7
A1511-2.8	2,8	61	100	66	2,8
A1511-2.9	2,9	61	100	66	2,9
A1511-3	3	61	100	66	3
A1511-3.1	3,1	63	106	69	3,1
A1511-3.15	3,15	63	106	69	3,15
A1511-3.2	3,2	63	106	69	3,2
A1511-3.3	3,3	63	106	69	3,3
A1511-3.4	3,4	67	112	73	3,4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

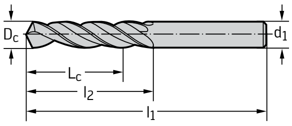
Tool



Cylindrical shank

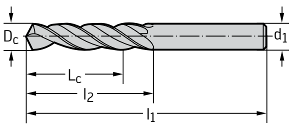
Designation	h8	Lc mm	l1 mm	l2 mm	f11
A1511-3.5	3,5	67	112	73	3,5
A1511-3.6	3,6	67	112	73	3,6
A1511-3.7	3,7	67	112	73	3,7
A1511-3.8	3,8	71	119	78	3,8
A1511-3.9	3,9	71	119	78	3,9
A1511-4	4	71	119	78	4
A1511-4.1	4,1	71	119	78	4,1
A1511-4.2	4,2	71	119	78	4,2
A1511-4.25	4,25	71	119	78	4,25
A1511-4.3	4,3	74	126	82	4,3
A1511-4.4	4,4	74	126	82	4,4
A1511-4.5	4,5	74	126	82	4,5
A1511-4.6	4,6	74	126	82	4,6
A1511-4.7	4,7	74	126	82	4,7
A1511-4.75	4,75	74	126	82	4,75
A1511-4.8	4,8	79	132	87	4,8
A1511-4.9	4,9	79	132	87	4,9
A1511-5	5	79	132	87	5
A1511-5.1	5,1	79	132	87	5,1
A1511-5.2	5,2	79	132	87	5,2
A1511-5.25	5,25	79	132	87	5,25
A1511-5.3	5,3	79	132	87	5,3
A1511-5.4	5,4	82	139	91	5,4
A1511-5.5	5,5	82	139	91	5,5
A1511-5.6	5,6	82	139	91	5,6
A1511-5.7	5,7	82	139	91	5,7
A1511-5.75	5,75	82	139	91	5,75
A1511-5.8	5,8	82	139	91	5,8
A1511-5.9	5,9	82	139	91	5,9
A1511-6	6	82	139	91	6
A1511-6.1	6,1	86	148	97	6,1
A1511-6.2	6,2	86	148	97	6,2
A1511-6.3	6,3	86	148	97	6,3
A1511-6.4	6,4	86	148	97	6,4
A1511-6.5	6,5	86	148	97	6,5
A1511-6.6	6,6	86	148	97	6,6
A1511-6.7	6,7	86	148	97	6,7
A1511-6.75	6,75	90	156	102	6,75
A1511-6.8	6,8	90	156	102	6,8
A1511-6.9	6,9	90	156	102	6,9
A1511-7	7	90	156	102	7
A1511-7.1	7,1	90	156	102	7,1
A1511-7.2	7,2	90	156	102	7,2
A1511-7.25	7,25	90	156	102	7,25
A1511-7.3	7,3	90	156	102	7,3
A1511-7.4	7,4	90	156	102	7,4
A1511-7.5	7,5	90	156	102	7,5
A1511-7.6	7,6	96	165	109	7,6

Tool



Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1511-7.7	7,7	96	165	109	7,7
A1511-7.8	7,8	96	165	109	7,8
A1511-7.9	7,9	96	165	109	7,9
A1511-8	8	96	165	109	8
A1511-8.1	8,1	96	165	109	8,1
A1511-8.2	8,2	96	165	109	8,2
A1511-8.3	8,3	96	165	109	8,3
A1511-8.4	8,4	96	165	109	8,4
A1511-8.5	8,5	96	165	109	8,5
A1511-8.6	8,6	100	175	115	8,6
A1511-8.7	8,7	100	175	115	8,7
A1511-8.75	8,75	100	175	115	8,75
A1511-8.8	8,8	100	175	115	8,8
A1511-8.9	8,9	100	175	115	8,9
A1511-9	9	100	175	115	9
A1511-9.1	9,1	100	175	115	9,1
A1511-9.2	9,2	100	175	115	9,2
A1511-9.25	9,25	100	175	115	9,25
A1511-9.3	9,3	100	175	115	9,3
A1511-9.4	9,4	100	175	115	9,4
A1511-9.5	9,5	100	175	115	9,5
A1511-9.6	9,6	105	184	121	9,6
A1511-9.7	9,7	105	184	121	9,7
A1511-9.75	9,75	105	184	121	9,75
A1511-9.8	9,8	105	184	121	9,8
A1511-9.9	9,9	105	184	121	9,9
A1511-10	10	105	184	121	10
A1511-10.1	10,1	105	184	121	10,1
A1511-10.2	10,2	105	184	121	10,2
A1511-10.3	10,3	105	184	121	10,3
A1511-10.4	10,4	105	184	121	10,4
A1511-10.5	10,5	105	184	121	10,5
A1511-10.7	10,7	110	195	128	10,7
A1511-10.8	10,8	110	195	128	10,8
A1511-11	11	110	195	128	11
A1511-11.5	11,5	110	195	128	11,5
A1511-11.8	11,8	110	195	128	11,8
A1511-12	12	120	205	134	12
A1511-12.5	12,5	120	205	134	12,5
A1511-13	13	120	205	134	13
A1511-13.5	13,5	126	214	140	13,5
A1511-14	14	126	214	140	14
A1511-14.5	14,5	129	220	144	14,5
A1511-15	15	129	220	144	15
A1511-15.5	15,5	133	227	149	15,5
A1511-16	16	133	227	149	16
A1511-17	17	137	235	154	17
A1511-18	18	140	241	158	18
A1511-19	19	143	247	162	19
A1511-20	20	146	254	166	20
A1511-21	21	149	261	171	21
A1511-22	22	153	268	176	22



Cylindrical shank

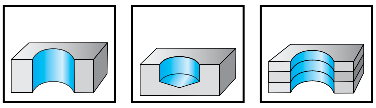
B1

HSS deep-hole drills, extra long

A1622

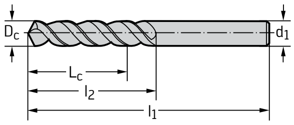
UFL®

~16×Dc | DIN 1869-I | 130°



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Cylindrical shank

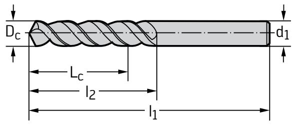
Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1622-2	2		81	125	85	2
A1622-2.1	2,1		81	125	85	2,1
A1622-2.2	2,2		86	135	90	2,2
A1622-2.3	2,3		86	135	90	2,3
A1622-3/32IN	2,381	3/32"	91	140	95	2,381
A1622-2.4	2,4		91	140	95	2,4
A1622-NO40	2,489	No. 40	91	140	95	2,489
A1622-2.5	2,5		91	140	95	2,5
A1622-NO39	2,527	No. 39	91	140	95	2,527
A1622-NO38	2,578	No. 38	91	140	95	2,578
A1622-2.6	2,6		91	140	95	2,6
A1622-NO37	2,642	No. 37	91	140	95	2,642
A1622-2.7	2,7		95	150	100	2,7
A1622-NO36	2,705	No. 36	95	150	100	2,705
A1622-7/64IN	2,778	7/64"	95	150	100	2,778
A1622-NO35	2,794	No. 35	95	150	100	2,794
A1622-2.8	2,8		95	150	100	2,8
A1622-NO34	2,819	No. 34	95	150	100	2,819
A1622-NO33	2,87	No. 33	95	150	100	2,87
A1622-2.9	2,9		95	150	100	2,9
A1622-NO32	2,946	No. 32	95	150	100	2,946
A1622-3	3		95	150	100	3
A1622-NO31	3,048	No. 31	99	155	105	3,048
A1622-3.1	3,1		99	155	105	3,1
A1622-1/8IN	3,175	1/8"	99	155	105	3,175
A1622-3.2	3,2		99	155	105	3,2
A1622-NO30	3,264	No. 30	99	155	105	3,264
A1622-3.3	3,3		99	155	105	3,3
A1622-3.4	3,4		109	165	115	3,4
A1622-NO29	3,454	No. 29	109	165	115	3,454
A1622-3.5	3,5		109	165	115	3,5
A1622-NO28	3,569	No. 28	109	165	115	3,569
A1622-9/64IN	3,572	9/64"	109	165	115	3,572
A1622-3.6	3,6		109	165	115	3,6
A1622-NO27	3,658	No. 27	109	165	115	3,658

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

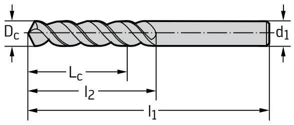
Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1622-3.7	3,7		109	165	115	3,7
A1622-NO26	3,734	No. 26	109	165	115	3,734
A1622-NO25	3,797	No. 25	113	175	120	3,797
A1622-3.8	3,8		113	175	120	3,8
A1622-NO24	3,861	No. 24	113	175	120	3,861
A1622-3.9	3,9		113	175	120	3,9
A1622-NO23	3,912	No. 23	113	175	120	3,912
A1622-5/32IN	3,969	5/32"	113	175	120	3,969
A1622-NO22	3,988	No. 22	113	175	120	3,988
A1622-4	4		113	175	120	4
A1622-NO21	4,039	No. 21	113	175	120	4,039
A1622-NO20	4,089	No. 20	113	175	120	4,089
A1622-4.1	4,1		113	175	120	4,1
A1622-4.2	4,2		113	175	120	4,2
A1622-NO19	4,216	No. 19	113	175	120	4,216
A1622-4.3	4,3		117	185	125	4,3
A1622-NO18	4,305	No. 18	117	185	125	4,305
A1622-11/64IN	4,366	11/64"	117	185	125	4,366
A1622-NO17	4,394	No. 17	117	185	125	4,394
A1622-4.4	4,4		117	185	125	4,4
A1622-NO16	4,496	No. 16	117	185	125	4,496
A1622-4.5	4,5		117	185	125	4,5
A1622-NO15	4,572	No. 15	117	185	125	4,572
A1622-4.6	4,6		117	185	125	4,6
A1622-NO14	4,623	No. 14	117	185	125	4,623
A1622-NO13	4,699	No. 13	117	185	125	4,699
A1622-4.7	4,7		117	185	125	4,7
A1622-3/16IN	4,763	3/16"	127	195	135	4,763
A1622-4.8	4,8		127	195	135	4,8
A1622-NO12	4,801	No. 12	127	195	135	4,801
A1622-NO11	4,851	No. 11	127	195	135	4,851
A1622-4.9	4,9		127	195	135	4,9
A1622-NO10	4,915	No. 10	127	195	135	4,915
A1622-NO9	4,978	No. 09	127	195	135	4,978
A1622-5	5		127	195	135	5
A1622-NO8	5,055	No. 08	127	195	135	5,055
A1622-5.1	5,1		127	195	135	5,1
A1622-NO7	5,105	No. 07	127	195	135	5,105
A1622-13/64IN	5,159	13/64"	127	195	135	5,159
A1622-NO6	5,182	No. 06	127	195	135	5,182
A1622-5.2	5,2		127	195	135	5,2
A1622-NO5	5,22	No. 05	127	195	135	5,22
A1622-5.3	5,3		127	195	135	5,3
A1622-NO4	5,309	No. 04	131	205	140	5,309
A1622-5.4	5,4		131	205	140	5,4
A1622-NO3	5,41	No. 03	131	205	140	5,41
A1622-5.5	5,5		131	205	140	5,5
A1622-7/32IN	5,556	7/32"	131	205	140	5,556

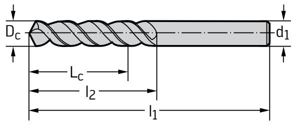
Tool



Cylindrical shank

Designation	h8	Dc Inch/Nr	Lc mm	l1 mm	l2 mm	f11
A1622-5.6	5,6		131	205	140	5,6
A1622-NO2	5,613	No. 02	131	205	140	5,613
A1622-5.7	5,7		131	205	140	5,7
A1622-NO1	5,791	No. 01	131	205	140	5,791
A1622-5.8	5,8		131	205	140	5,8
A1622-5.9	5,9		131	205	140	5,9
A1622-15/64IN	5,953	15/64"	131	205	140	5,953
A1622-6	6		131	205	140	6
A1622-6.1	6,1		139	215	150	6,1
A1622-6.2	6,2		139	215	150	6,2
A1622-6.3	6,3		139	215	150	6,3
A1622-1/4IN	6,35	1/4"	139	215	150	6,35
A1622-6.4	6,4		139	215	150	6,4
A1622-6.5	6,5		139	215	150	6,5
A1622-6.6	6,6		139	215	150	6,6
A1622-6.7	6,7		139	215	150	6,7
A1622-17/64IN	6,747	17/64"	143	225	155	6,747
A1622-6.8	6,8		143	225	155	6,8
A1622-6.9	6,9		143	225	155	6,9
A1622-7	7		143	225	155	7
A1622-7.1	7,1		143	225	155	7,1
A1622-9/32IN	7,144	9/32"	143	225	155	7,144
A1622-7.2	7,2		143	225	155	7,2
A1622-7.3	7,3		143	225	155	7,3
A1622-7.4	7,4		143	225	155	7,4
A1622-7.5	7,5		143	225	155	7,5
A1622-19/64IN	7,541	19/64"	152	240	165	7,541
A1622-7.6	7,6		152	240	165	7,6
A1622-7.7	7,7		152	240	165	7,7
A1622-7.8	7,8		152	240	165	7,8
A1622-7.9	7,9		152	240	165	7,9
A1622-5/16IN	7,938	5/16"	152	240	165	7,938
A1622-8	8		152	240	165	8
A1622-8.1	8,1		152	240	165	8,1
A1622-8.2	8,2		152	240	165	8,2
A1622-8.3	8,3		152	240	165	8,3
A1622-21/64IN	8,334	21/64"	152	240	165	8,334
A1622-8.4	8,4		152	240	165	8,4
A1622-8.5	8,5		152	240	165	8,5
A1622-8.6	8,6		160	250	175	8,6
A1622-8.7	8,7		160	250	175	8,7
A1622-11/32IN	8,731	11/32"	160	250	175	8,731
A1622-8.8	8,8		160	250	175	8,8
A1622-8.9	8,9		160	250	175	8,9
A1622-9	9		160	250	175	9
A1622-9.1	9,1		160	250	175	9,1
A1622-23/64IN	9,128	23/64"	160	250	175	9,128
A1622-9.2	9,2		160	250	175	9,2

Tool



Cylindrical shank

Designation	h8	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	f11
A1622-9.3	9,3		160	250	175	9,3
A1622-9.4	9,4		160	250	175	9,4
A1622-9.5	9,5		160	250	175	9,5
A1622-3/8IN	9,525	3/8"	169	265	185	9,525
A1622-9.6	9,6		169	265	185	9,6
A1622-9.7	9,7		169	265	185	9,7
A1622-9.8	9,8		169	265	185	9,8
A1622-9.9	9,9		169	265	185	9,9
A1622-25/64IN	9,922	25/64"	169	265	185	9,922
A1622-10	10		169	265	185	10
A1622-13/32IN	10,319	13/32"	169	265	185	10,319
A1622-10.5	10,5		169	265	185	10,5
A1622-27/64IN	10,716	27/64"	177	280	195	10,716
A1622-11	11		177	280	195	11
A1622-7/16IN	11,113	7/16"	177	280	195	11,113
A1622-11.5	11,5		177	280	195	11,5
A1622-29/64IN	11,509	29/64"	177	280	195	11,509
A1622-15/32IN	11,906	15/32"	191	295	205	11,906
A1622-12	12		191	295	205	12
A1622-31/64IN	12,303	31/64"	191	295	205	12,303
A1622-1/2IN	12,7	1/2"	191	295	205	12,7

B1

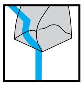
HSS deep-hole drills, extra long

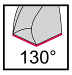
A1722

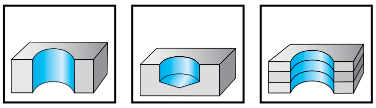
UFL®

~22×Dc

DIN 1869-II



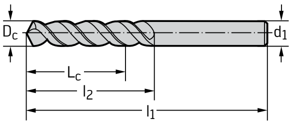




B1

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Cylindrical shank

Designation	h8	Lc mm	l1 mm	l2 mm	f11
A1722-3	3	125	190	130	3
A1722-3.5	3,5	139	210	145	3,5
A1722-4	4	143	220	150	4
A1722-4.5	4,5	152	235	160	4,5
A1722-5	5	162	245	170	5
A1722-5.5	5,5	171	260	180	5,5
A1722-6	6	171	260	180	6
A1722-6.5	6,5	179	275	190	6,5
A1722-7	7	188	290	200	7
A1722-7.5	7,5	188	290	200	7,5
A1722-8	8	197	305	210	8
A1722-8.5	8,5	197	305	210	8,5
A1722-9	9	205	320	220	9
A1722-9.5	9,5	205	320	220	9,5
A1722-10	10	219	340	235	10
A1722-10.5	10,5	219	340	235	10,5
A1722-11	11	232	360	250	11
A1722-11.5	11,5	232	360	250	11,5
A1722-12	12	246	380	260	12

WALTER SELECT

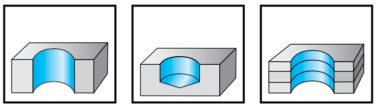
●● Primary application ● Other application

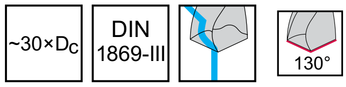
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

HSS deep-hole drills, extra long

A1822

UFL®

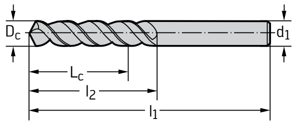




B1

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Cylindrical shank

Designation	h8	Lc mm	l1 mm	l2 mm	f11
A1822-3.5	3,5	174	265	180	3,5
A1822-4	4	183	280	190	4
A1822-4.5	4,5	192	295	200	4,5
A1822-5	5	202	315	210	5
A1822-5.5	5,5	216	330	225	5,5
A1822-6	6	216	330	225	6
A1822-6.5	6,5	224	350	235	6,5
A1822-7	7	238	370	250	7
A1822-7.5	7,5	238	370	250	7,5
A1822-8	8	252	390	265	8
A1822-8.5	8,5	252	390	265	8,5
A1822-9	9	265	410	280	9
A1822-9.5	9,5	265	410	280	9,5
A1822-10	10	279	430	295	10
A1822-10.5	10,5	279	430	295	10,5
A1822-11	11	287	450	305	11
A1822-11.5	11,5	287	450	305	11,5
A1822-12	12	291	480	305	12

WALTER SELECT

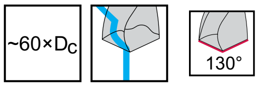
●● Primary application ● Other application

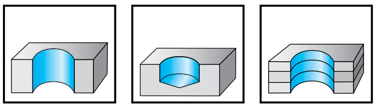
Best tool for → Good = → Average = → Poor = machining conditions

HSS deep-hole drills, super long

A1922S

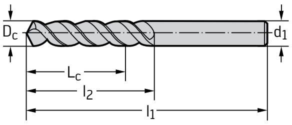
UFL®





	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Cylindrical shank

Designation	D_c h8	L_c mm	l_1 mm	l_2 mm	d_1 f11
A1922S-6	6	389	500	400	6
A1922S-6.5	6,5	389	500	400	6,5
A1922S-7	7	389	500	400	7
A1922S-8	8	536	650	550	8
A1922S-9	9	536	650	550	9
A1922S-10	10	680	800	700	10
A1922S-11	11	680	800	700	11
A1922S-12	12	680	800	700	12
A1922S-13	13	680	800	700	13
A1922S-14	14	680	800	700	14

WALTER SELECT

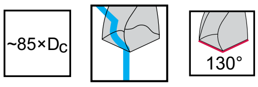
●● Primary application ● Other application

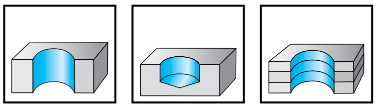
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

HSS deep-hole drills, super long

A1922L

UFL®

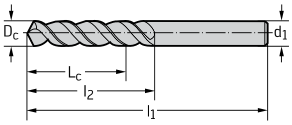




	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

B1

Tool



Cylindrical shank

Designation	h8	L_c mm	l_1 mm	l_2 mm	f11
A1922L-8	8	685	800	700	8
A1922L-10	10	769	1.000	800	10
A1922L-12	12	769	1.000	800	12

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

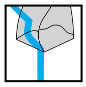
HSS-E twist drills with Morse taper

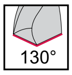
A4244

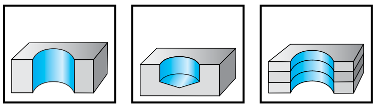
VA

~8×Dc

DIN 345

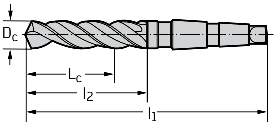






	P	M	K	N	S	H	O
uncoated	●	●●		●	●●		

Tool



Morse taper

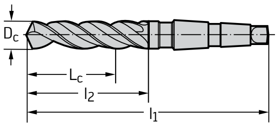
Designation	h8	Lc mm	l1 mm	l2 mm	MK
A4244-10	10	71	168	87	MK1 B
A4244-10.2	10,2	71	168	87	MK1 B
A4244-10.5	10,5	71	168	87	MK1 B
A4244-10.8	10,8	76	175	94	MK1 B
A4244-11	11	76	175	94	MK1 B
A4244-11.2	11,2	76	175	94	MK1 B
A4244-11.5	11,5	76	175	94	MK1 B
A4244-11.8	11,8	76	175	94	MK1 B
A4244-12	12	87	182	101	MK1 B
A4244-12.2	12,2	87	182	101	MK1 B
A4244-12.5	12,5	87	182	101	MK1 B
A4244-12.8	12,8	87	182	101	MK1 B
A4244-13	13	87	182	101	MK1 B
A4244-13.5	13,5	94	189	108	MK1 B
A4244-13.8	13,8	94	189	108	MK1 B
A4244-14	14	94	189	108	MK1 B
A4244-14.25	14,25	99	212	114	MK2 B
A4244-14.5	14,5	99	212	114	MK2 B
A4244-14.75	14,75	99	212	114	MK2 B
A4244-15	15	99	212	114	MK2 B
A4244-15.25	15,25	104	218	120	MK2 B
A4244-15.5	15,5	104	218	120	MK2 B
A4244-15.75	15,75	104	218	120	MK2 B
A4244-16	16	104	218	120	MK2 B
A4244-16.5	16,5	108	223	125	MK2 B
A4244-16.75	16,75	108	223	125	MK2 B
A4244-17	17	108	223	125	MK2 B
A4244-17.25	17,25	112	228	130	MK2 B
A4244-17.5	17,5	112	228	130	MK2 B
A4244-17.75	17,75	112	228	130	MK2 B
A4244-18	18	112	228	130	MK2 B
A4244-18.25	18,25	116	233	135	MK2 B
A4244-18.5	18,5	116	233	135	MK2 B
A4244-18.75	18,75	116	233	135	MK2 B
A4244-19	19	116	233	135	MK2 B

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool

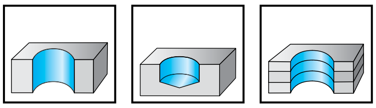


Morse taper

Designation	h8	L_c mm	l_1 mm	l_2 mm	MK
A4244-19.25	19,25	120	238	140	MK2 B
A4244-19.5	19,5	120	238	140	MK2 B
A4244-19.75	19,75	120	238	140	MK2 B
A4244-20	20	120	238	140	MK2 B
A4244-20.25	20,25	123	243	145	MK2 B
A4244-20.5	20,5	123	243	145	MK2 B
A4244-20.75	20,75	123	243	145	MK2 B
A4244-21	21	123	243	145	MK2 B
A4244-21.25	21,25	127	248	150	MK2 B
A4244-21.5	21,5	127	248	150	MK2 B
A4244-22	22	127	248	150	MK2 B
A4244-22.25	22,25	127	248	150	MK2 B
A4244-22.5	22,5	131	253	155	MK2 B
A4244-22.75	22,75	131	253	155	MK2 B
A4244-23	23	131	253	155	MK2 B
A4244-23.5	23,5	131	276	155	MK3 B
A4244-24	24	135	281	160	MK3 B
A4244-24.5	24,5	135	281	160	MK3 B
A4244-25	25	135	281	160	MK3 B
A4244-25.5	25,5	138	286	165	MK3 B
A4244-26	26	138	286	165	MK3 B
A4244-26.5	26,5	138	286	165	MK3 B
A4244-27	27	142	291	170	MK3 B
A4244-28	28	142	291	170	MK3 B
A4244-29	29	145	296	175	MK3 B
A4244-29.5	29,5	145	296	175	MK3 B
A4244-30	30	145	296	175	MK3 B
A4244-30.5	30,5	148	301	180	MK3 B
A4244-31	31	148	301	180	MK3 B
A4244-31.5	31,5	148	301	180	MK3 B
A4244-32	32	151	334	185	MK4 B

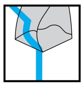
HSS-E twist drills with Morse taper
A4247
Alpha® XE

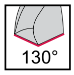
– Uncoated from 23.02 mm



~8×Dc

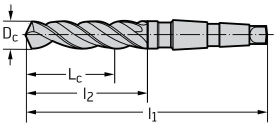
DIN 345





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●

Tool



Morse taper

Designation	h8	Lc mm	l1 mm	l2 mm	MK
A4247-10	10	71	168	87	MK1 B
A4247-10.2	10,2	71	168	87	MK1 B
A4247-10.5	10,5	71	168	87	MK1 B
A4247-10.8	10,8	76	175	94	MK1 B
A4247-11	11	76	175	94	MK1 B
A4247-11.5	11,5	76	175	94	MK1 B
A4247-11.8	11,8	76	175	94	MK1 B
A4247-12	12	87	182	101	MK1 B
A4247-12.2	12,2	87	182	101	MK1 B
A4247-12.5	12,5	87	182	101	MK1 B
A4247-12.8	12,8	87	182	101	MK1 B
A4247-13	13	87	182	101	MK1 B
A4247-13.2	13,2	87	182	101	MK1 B
A4247-13.5	13,5	94	189	108	MK1 B
A4247-13.8	13,8	94	189	108	MK1 B
A4247-14	14	94	189	108	MK1 B
A4247-14.25	14,25	99	212	114	MK2 B
A4247-14.5	14,5	99	212	114	MK2 B
A4247-14.75	14,75	99	212	114	MK2 B
A4247-15	15	99	212	114	MK2 B
A4247-15.25	15,25	104	218	120	MK2 B
A4247-15.5	15,5	104	218	120	MK2 B
A4247-15.75	15,75	104	218	120	MK2 B
A4247-16	16	104	218	120	MK2 B
A4247-16.25	16,25	108	223	125	MK2 B
A4247-16.5	16,5	108	223	125	MK2 B
A4247-16.75	16,75	108	223	125	MK2 B
A4247-17	17	108	223	125	MK2 B
A4247-17.25	17,25	112	228	130	MK2 B
A4247-17.5	17,5	112	228	130	MK2 B
A4247-17.75	17,75	112	228	130	MK2 B
A4247-18	18	112	228	130	MK2 B
A4247-18.25	18,25	116	233	135	MK2 B
A4247-18.5	18,5	116	233	135	MK2 B
A4247-18.75	18,75	116	233	135	MK2 B

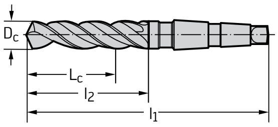
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

B1

Tool



Morse taper

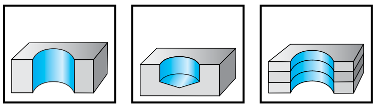
Designation	h8	Lc mm	l1 mm	l2 mm	MK
A4247-19	19	116	233	135	MK2 B
A4247-19.25	19,25	120	238	140	MK2 B
A4247-19.5	19,5	120	238	140	MK2 B
A4247-19.75	19,75	120	238	140	MK2 B
A4247-20	20	120	238	140	MK2 B
A4247-20.25	20,25	123	243	145	MK2 B
A4247-20.5	20,5	123	243	145	MK2 B
A4247-20.75	20,75	123	243	145	MK2 B
A4247-21	21	123	243	145	MK2 B
A4247-21.25	21,25	127	248	150	MK2 B
A4247-21.5	21,5	127	248	150	MK2 B
A4247-21.75	21,75	127	248	150	MK2 B
A4247-22	22	127	248	150	MK2 B
A4247-22.25	22,25	127	248	150	MK2 B
A4247-22.5	22,5	131	253	155	MK2 B
A4247-22.75	22,75	131	253	155	MK2 B
A4247-23	23	131	253	155	MK2 B
A4247-23.5	23,5	131	276	155	MK3 B
A4247-24	24	135	281	160	MK3 B
A4247-24.5	24,5	135	281	160	MK3 B
A4247-25	25	135	281	160	MK3 B
A4247-25.5	25,5	138	286	165	MK3 B
A4247-26	26	138	286	165	MK3 B
A4247-26.5	26,5	138	286	165	MK3 B
A4247-27	27	142	291	170	MK3 B
A4247-27.5	27,5	142	291	170	MK3 B
A4247-28	28	142	291	170	MK3 B
A4247-28.5	28,5	145	296	175	MK3 B
A4247-29	29	145	296	175	MK3 B
A4247-29.5	29,5	145	296	175	MK3 B
A4247-30	30	145	296	175	MK3 B
A4247-30.5	30,5	148	301	180	MK3 B
A4247-31	31	148	301	180	MK3 B
A4247-31.5	31,5	148	301	180	MK3 B
A4247-32	32	151	334	185	MK4 B
A4247-32.5	32,5	151	334	185	MK4 B
A4247-33	33	151	334	185	MK4 B
A4247-34	34	154	339	190	MK4 B
A4247-35	35	154	339	190	MK4 B
A4247-36	36	157	344	195	MK4 B
A4247-37	37	157	344	195	MK4 B
A4247-38	38	160	349	200	MK4 B
A4247-39	39	160	349	200	MK4 B
A4247-40	40	160	349	200	MK4 B

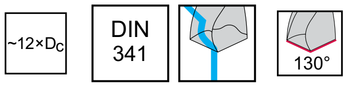
HSS twist drills with Morse taper, long

A4422

UFL®

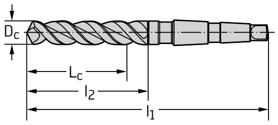
– Uncoated from 23.02 mm





	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Morse taper

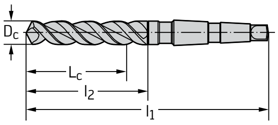
Designation	h8	Lc mm	l1 mm	l2 mm	MK
A4422-10	10	100	197	116	MK1 B
A4422-10.2	10,2	100	197	116	MK1 B
A4422-10.5	10,5	100	197	116	MK1 B
A4422-10.8	10,8	107	206	125	MK1 B
A4422-11	11	107	206	125	MK1 B
A4422-11.2	11,2	107	206	125	MK1 B
A4422-11.5	11,5	107	206	125	MK1 B
A4422-11.8	11,8	107	206	125	MK1 B
A4422-12	12	120	215	134	MK1 B
A4422-12.2	12,2	120	215	134	MK1 B
A4422-12.5	12,5	120	215	134	MK1 B
A4422-12.8	12,8	120	215	134	MK1 B
A4422-13	13	120	215	134	MK1 B
A4422-13.2	13,2	120	215	134	MK1 B
A4422-13.5	13,5	128	223	142	MK1 B
A4422-13.8	13,8	128	223	142	MK1 B
A4422-14	14	128	223	142	MK1 B
A4422-14.25	14,25	132	245	147	MK2 B
A4422-14.5	14,5	132	245	147	MK2 B
A4422-14.75	14,75	132	245	147	MK2 B
A4422-15	15	132	245	147	MK2 B
A4422-15.25	15,25	137	251	153	MK2 B
A4422-15.5	15,5	137	251	153	MK2 B
A4422-15.75	15,75	137	251	153	MK2 B
A4422-16	16	137	251	153	MK2 B
A4422-16.25	16,25	142	257	159	MK2 B
A4422-16.5	16,5	142	257	159	MK2 B
A4422-16.75	16,75	142	257	159	MK2 B
A4422-17	17	142	257	159	MK2 B
A4422-17.5	17,5	147	263	165	MK2 B
A4422-17.75	17,75	147	263	165	MK2 B
A4422-18	18	147	263	165	MK2 B
A4422-18.25	18,25	152	269	171	MK2 B
A4422-18.5	18,5	152	269	171	MK2 B
A4422-18.75	18,75	152	269	171	MK2 B

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool



Morse taper

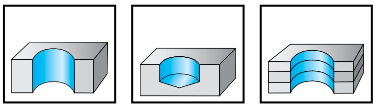
Designation	h8	L_c mm	l_1 mm	l_2 mm	MK
A4422-19	19	152	269	171	MK2 B
A4422-19.25	19,25	157	275	177	MK2 B
A4422-19.5	19,5	157	275	177	MK2 B
A4422-19.75	19,75	157	275	177	MK2 B
A4422-20	20	157	275	177	MK2 B
A4422-20.5	20,5	162	282	184	MK2 B
A4422-21	21	162	282	184	MK2 B
A4422-21.5	21,5	168	289	191	MK2 B
A4422-22	22	168	289	191	MK2 B
A4422-22.5	22,5	174	296	198	MK2 B
A4422-23	23	174	296	198	MK2 B
A4422-23.5	23,5	174	319	198	MK3 B
A4422-24	24	181	327	206	MK3 B
A4422-24.5	24,5	181	327	206	MK3 B
A4422-25	25	181	327	206	MK3 B
A4422-26	26	187	335	214	MK3 B
A4422-27	27	194	343	222	MK3 B
A4422-28	28	194	343	222	MK3 B
A4422-29	29	200	351	230	MK3 B
A4422-30	30	200	351	230	MK3 B
A4422-31	31	207	360	239	MK3 B

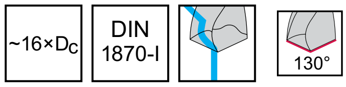
HSS drills with Morse taper, extra long

A4622

UFL®

– Uncoated from 23.02 mm

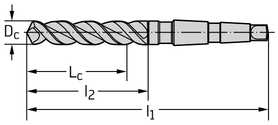




B1

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Morse taper

Designation	h8	Lc mm	l1 mm	l2 mm	MK
A4622-12	12	191	310	205	MK1 B
A4622-12.5	12,5	191	310	205	MK1 B
A4622-13	13	191	310	205	MK1 B
A4622-13.5	13,5	206	325	220	MK1 B
A4622-14	14	206	325	220	MK1 B
A4622-14.5	14,5	205	340	220	MK2 B
A4622-15	15	205	340	220	MK2 B
A4622-15.5	15,5	214	355	230	MK2 B
A4622-16	16	214	355	230	MK2 B
A4622-16.5	16,5	213	355	230	MK2 B
A4622-17	17	213	355	230	MK2 B
A4622-17.5	17,5	227	370	245	MK2 B
A4622-18	18	227	370	245	MK2 B
A4622-18.5	18,5	226	370	245	MK2 B
A4622-19	19	226	370	245	MK2 B
A4622-19.5	19,5	240	385	260	MK2 B
A4622-20	20	240	385	260	MK2 B
A4622-21	21	238	385	260	MK2 B
A4622-22	22	247	405	270	MK2 B
A4622-23	23	246	405	270	MK2 B
A4622-24	24	265	440	290	MK3 B
A4622-25	25	265	440	290	MK3 B
A4622-26	26	263	440	290	MK3 B
A4622-27	27	277	460	305	MK3 B
A4622-28	28	277	460	305	MK3 B
A4622-29	29	275	460	305	MK3 B
A4622-30	30	275	460	305	MK3 B

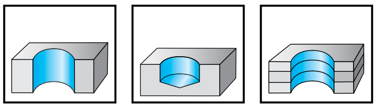
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

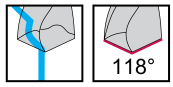
HSS drills with Morse taper, extra long
A4611

– Type N



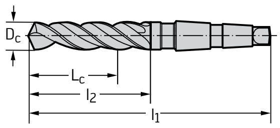
~16×D_c

DIN 1870-I



	P	M	K	N	S	H	O
uncoated	●	●	●	●	●		●

Tool



Morse taper

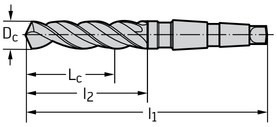
Designation	h8	L_c mm	l_1 mm	l_2 mm	MK
A4611-8	8	152	265	165	MK1 B
A4611-9	9	160	275	175	MK1 B
A4611-10	10	169	285	185	MK1 B
A4611-10.5	10,5	169	285	185	MK1 B
A4611-11	11	177	300	195	MK1 B
A4611-11.5	11,5	177	300	195	MK1 B
A4611-14	14	206	325	220	MK1 B
A4611-15	15	205	340	220	MK2 B
A4611-15.5	15,5	214	355	230	MK2 B
A4611-16	16	214	355	230	MK2 B
A4611-16.5	16,5	213	355	230	MK2 B
A4611-17	17	213	355	230	MK2 B
A4611-17.5	17,5	227	370	245	MK2 B
A4611-18	18	227	370	245	MK2 B
A4611-19	19	226	370	245	MK2 B
A4611-19.5	19,5	240	385	260	MK2 B
A4611-20	20	240	385	260	MK2 B
A4611-20.5	20,5	238	385	260	MK2 B
A4611-21	21	238	385	260	MK2 B
A4611-21.5	21,5	247	405	270	MK2 B
A4611-22	22	247	405	270	MK2 B
A4611-22.5	22,5	246	405	270	MK2 B
A4611-23	23	246	405	270	MK2 B
A4611-23.5	23,5	246	425	270	MK3 B
A4611-24	24	265	440	290	MK3 B
A4611-24.5	24,5	265	440	290	MK3 B
A4611-25	25	265	440	290	MK3 B
A4611-25.5	25,5	263	440	290	MK3 B
A4611-26	26	263	440	290	MK3 B
A4611-26.5	26,5	263	440	290	MK3 B
A4611-27	27	277	460	305	MK3 B
A4611-28	28	277	460	305	MK3 B
A4611-29	29	275	460	305	MK3 B
A4611-30	30	275	460	305	MK3 B
A4611-31	31	288	480	320	MK3 B

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool



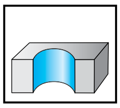
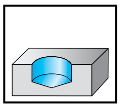
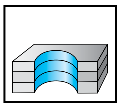
Morse taper

Designation	h8	L_c mm	l_1 mm	l_2 mm	MK
A4611-32	32	286	505	320	MK4 B
A4611-33	33	286	505	320	MK4 B
A4611-34	34	304	530	340	MK4 B
A4611-35	35	304	530	340	MK4 B
A4611-38	38	320	555	360	MK4 B
A4611-39	39	320	555	360	MK4 B
A4611-40	40	320	555	360	MK4 B

B1

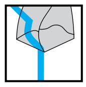
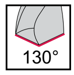
HSS drills with Morse taper, extra long
A4722
UFL®

– Uncoated from 23.02 mm

~22×Dc

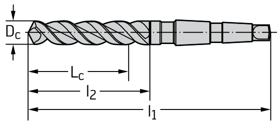
DIN 1870-II

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

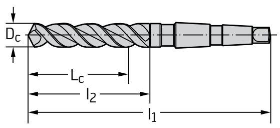
B1

Tool



Morse taper

Designation	h8	L_c mm	l_1 mm	l_2 mm	MK
A4722-8	8	197	330	210	MK1 B
A4722-8.5	8,5	197	330	210	MK1 B
A4722-9	9	205	345	220	MK1 B
A4722-10	10	219	360	235	MK1 B
A4722-10.5	10,5	219	360	235	MK1 B
A4722-11	11	232	375	250	MK1 B
A4722-11.5	11,5	232	375	250	MK1 B
A4722-12	12	246	395	260	MK1 B
A4722-12.5	12,5	246	395	260	MK1 B
A4722-13	13	246	395	260	MK1 B
A4722-13.5	13,5	261	410	275	MK1 B
A4722-14	14	261	410	275	MK1 B
A4722-14.5	14,5	260	425	275	MK2 B
A4722-15	15	260	425	275	MK2 B
A4722-15.5	15,5	279	445	295	MK2 B
A4722-16	16	279	445	295	MK2 B
A4722-16.5	16,5	278	445	295	MK2 B
A4722-17	17	278	445	295	MK2 B
A4722-17.5	17,5	292	465	310	MK2 B
A4722-18	18	292	465	310	MK2 B
A4722-18.5	18,5	291	465	310	MK2 B
A4722-19	19	291	465	310	MK2 B
A4722-19.5	19,5	305	490	325	MK2 B
A4722-20	20	305	490	325	MK2 B
A4722-21	21	303	490	325	MK2 B
A4722-22	22	322	515	345	MK2 B
A4722-23	23	321	515	345	MK2 B
A4722-24	24	340	555	365	MK3 B
A4722-25	25	340	555	365	MK3 B
A4722-26	26	338	555	365	MK3 B
A4722-27	27	357	580	385	MK3 B
A4722-28	28	357	580	385	MK3 B
A4722-29	29	355	580	385	MK3 B
A4722-30	30	355	580	385	MK3 B
A4722-32	32	376	635	410	MK4 B



Morse taper

Designation	h8	L_c mm	l_1 mm	l_2 mm	MK
A4722-33	33	376	635	410	MK4 B
A4722-34	34	394	665	430	MK4 B
A4722-35	35	394	665	430	MK4 B
A4722-38	38	420	695	460	MK4 B
A4722-40	40	420	695	460	MK4 B

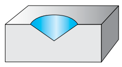
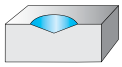
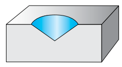
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

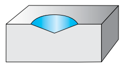
B1

Solid carbide and HSS NC spot drills

Machining					
Standard	Walter	Walter	Walter	Walter	Walter
Countersink angle	90°	120°		90°	
					
Designation	A1174	A1174C	A1115L	A1115	A1115S
Additional services	R	R			
Cutting tool material	Carbide	Carbide	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	3–20	3–20	4–25,4	4–20	2–25,4
P Steel			●●	●●	●●
M Stainless steel			●	●	●
K Cast iron	●	●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●	●	●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue	B 408	B 409	B 410	B 411	B 412
QR code					
www.walter-tools.com/woc/	A1174	A1174C	A1115L	A1115	A1115S

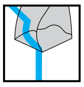
WALTER SELECT ●● Primary application ● Other application

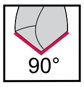
Solid carbide and HSS NC spot drills

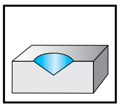
Machining			
Standard	Walter	Walter	Walter
Countersink angle		120°	
			
Designation	A1114L	A1114	A1114S
Additional services			
Cutting tool material	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	4–12,7	4–20	2–25,4
P Steel	●●	●●	●●
M Stainless steel	●	●	●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●	●	●
H Hard materials			
O Other	●●	●●	●●
Page in catalogue	B 413	B 414	B 415
QR code			
www.walter-tools.com/woc/	A1114L	A1114	A1114S

WALTER SELECT ●● **Primary application** ● **Other application**

90° solid carbide NC spot drills
A1174
NC 90°

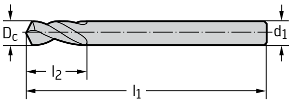






	P	M	K	N	S	H	O
uncoated			●	●●	●●		●●

Tool

Tool	Designation	h6	D_c Inch/Nr	l_1 mm	l_2 mm	h6
	A1174-3	3		46	11	3
	A1174-4	4		55	15	4
	A1174-5	5		62	16	5
	A1174-6	6		66	17	6
Cylindrical shank	A1174-1/4IN	6,35	1/4"	70	18	6,35
	A1174-8	8		79	22	8
	A1174-3/8IN	9,525	3/8"	89	26	9,525
	A1174-10	10		89	26	10
	A1174-12	12		102	30	12
	A1174-1/2IN	12,7	1/2"	102	30	12,7
	A1174-16	16		115	34	16
	A1174-20	20		131	40	20

WALTER SELECT

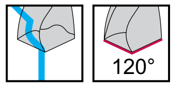
●● Primary application ● Other application

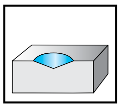
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

120° solid carbide NC spot drills

A1174C

NC 120°

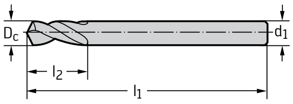




	P	M	K	N	S	H	O
uncoated			●	●●	●●		●●

B1

Tool



Cylindrical shank

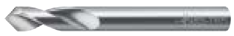
Designation	D_c h6	D_c Inch/Nr	l_1 mm	l_2 mm	d_1 h6
A1174C-3	3		46	11	3
A1174C-4	4		55	15	4
A1174C-5	5		62	16	5
A1174C-6	6		66	17	6
A1174C-1/4IN	6,35	1/4"	70	18	6,35
A1174C-8	8		79	22	8
A1174C-3/8IN	9,525	3/8"	89	26	9,525
A1174C-10	10		89	26	10
A1174C-12	12		102	30	12
A1174C-1/2IN	12,7	1/2"	102	30	12,7
A1174C-16	16		115	34	16
A1174C-20	20		131	40	20

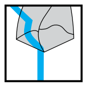
WALTER SELECT

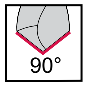
●● Primary application ● Other application

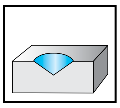
Best tool for → Good = → Average = → Poor = machining conditions

90° HSS NC spot drills
A1115L



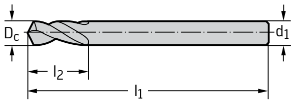






	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

Tool



Cylindrical shank

Designation	h8	D_c Inch/Nr	l_1 mm	l_2 mm	h8
A1115L-4	4		100	12	4
A1115L-5	5		120	15	5
A1115L-6	6		140	20	6
A1115L-1/4IN	6,35	1/4"	140	20	6,35
A1115L-8	8		140	25	8
A1115L-3/8IN	9,525	3/8"	170	25	9,525
A1115L-10	10		170	25	10
A1115L-12	12		170	30	12
A1115L-1/2IN	12,7	1/2"	170	30	12,7
A1115L-5/8IN	15,875	5/8"	200	35	15,875
A1115L-3/4IN	19,05	3/4"	200	40	19,05
A1115L-20	20		200	40	20
A1115L-1IN	25,4	1.0"	200	40	25,4

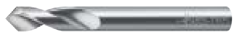
WALTER SELECT

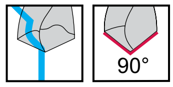
●● Primary application ● Other application

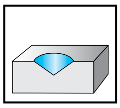
Best tool for → Good = → Average = → Poor = machining conditions

90° HSS NC spot drills

A1115



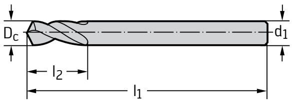




	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

B1

Tool



Cylindrical shank

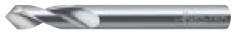
Designation	h8	l1 mm	l2 mm	f11
A1115-4	4	55	18	4
A1115-5	5	62	21	5
A1115-6	6	66	22	6
A1115-8	8	79	30	8
A1115-10	10	89	34	10
A1115-12	12	102	41	12
A1115-16	16	115	46	16
A1115-20	20	131	53	20

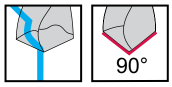
WALTER SELECT

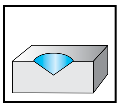
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

90° HSS NC spot drills
A1115S



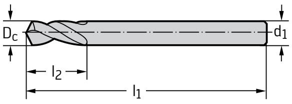




B1

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

Tool



Cylindrical shank

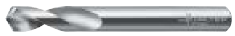
Designation	h8	D_{c} Inch/Nr	l_1 mm	l_2 mm	h8
A1115S-2	2		40	8	2
A1115S-3	3		50	10	3
A1115S-4	4		52	12	4
A1115S-5	5		60	15	5
A1115S-6	6		66	20	6
A1115S-1/4IN	6,35	1/4"	66	20	6,35
A1115S-8	8		79	25	8
A1115S-3/8IN	9,525	3/8"	89	25	9,525
A1115S-10	10		89	25	10
A1115S-12	12		102	30	12
A1115S-1/2IN	12,7	1/2"	102	35	12,7
A1115S-14	14		115	35	14
A1115S-5/8IN	15,875	5/8"	115	35	15,875
A1115S-16	16		115	35	16
A1115S-18	18		130	40	18
A1115S-3/4IN	19,05	3/4"	131	40	19,05
A1115S-20	20		131	40	20
A1115S-1IN	25,4	1.0"	138	45	25,4

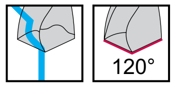
WALTER SELECT

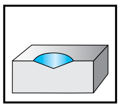
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

120° HSS NC spot drills
A1114L

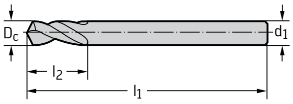






	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

Tool



Cylindrical shank

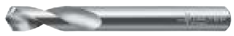
Designation	h8	D_{c} Inch/Nr	l_1 mm	l_2 mm	h8
A1114L-4	4		100	12	4
A1114L-5	5		120	15	5
A1114L-6	6		140	20	6
A1114L-1/4IN	6,35	1/4"	140	20	6,35
A1114L-8	8		140	25	8
A1114L-3/8IN	9,525	3/8"	170	25	9,525
A1114L-10	10		170	25	10
A1114L-12	12		170	30	12
A1114L-1/2IN	12,7	1/2"	170	30	12,7

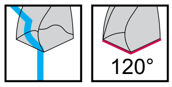
WALTER SELECT

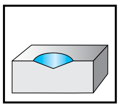
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

120° HSS NC spot drills
A1114

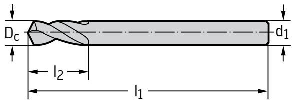






	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

Tool

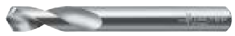
	Designation	h8	l_1 mm	l_2 mm	f11
	A1114-4	4	55	18	4
	A1114-5	5	62	21	5
	A1114-6	6	66	22	6
	A1114-8	8	79	30	8
Cylindrical shank	A1114-10	10	89	34	10
	A1114-12	12	102	41	12
	A1114-16	16	115	46	16
	A1114-20	20	131	53	20

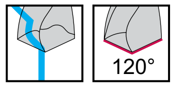
WALTER SELECT

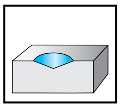
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

120° HSS NC spot drills
A1114S

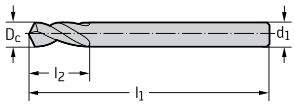






	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

Tool



Cylindrical shank

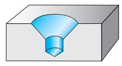
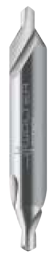
Designation	h8	D_c Inch/Nr	l_1 mm	l_2 mm	h8
A1114S-2	2		40	8	2
A1114S-3	3		50	10	3
A1114S-4	4		52	12	4
A1114S-5	5		60	15	5
A1114S-6	6		66	20	6
A1114S-1/4IN	6,35	1/4"	66	20	6,35
A1114S-8	8		79	25	8
A1114S-3/8IN	9,525	3/8"	89	25	9,525
A1114S-10	10		89	25	10
A1114S-12	12		102	30	12
A1114S-1/2IN	12,7	1/2"	102	35	12,7
A1114S-14	14		115	35	14
A1114S-5/8IN	15,875	5/8"	115	35	15,875
A1114S-3/4IN	19,05	3/4"	131	40	19,05
A1114S-1IN	25,4	1.0"	138	45	25,4

WALTER SELECT

●● Primary application ● Other application

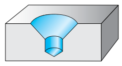
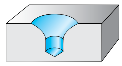
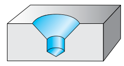
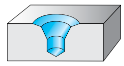
Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide and HSS center drills

Machining					
Shape	A	A	A	A	A
					
Designation	K1161XPL	K1161	K1911	K1811	K1411S
Standard	DIN 333-A	DIN 333-A	B.S. 328	ANSI B94.11	Walter
Cutting tool material	VHM	VHM	HSS	HSS	HSS
Coating / grade	Carbide	Carbide	HSS	HSS	HSS
Shank	XPL	uncoated	uncoated	uncoated	uncoated
Diameter range	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Stainless steel	●●	●●	●●	●●	●●
M Cast iron	●●	●●	●●	●●	●●
K NF metals	●●	●●	●●	●●	●●
N Materials with difficult cutting properties	●●	●●	●●	●●	●●
S Hard materials	●●	●●	●●	●●	●●
H Other	●●	●			
O Andere	●●	●●	●●	●●	●●
Page in catalogue	B 420	B 420	B 421	B 422	B 423
QR code					
www.walter-tools.com/woc/	K1161XPL	K1161	K1911	K1811	K1411S

WALTER SELECT ●● Primary application ● Other application

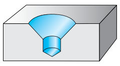
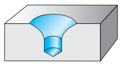
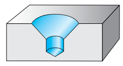
Solid carbide and HSS center drills

Machining					
Shape	A	A	R	A	B
					
Designation	K1411M	K1411L	K1313	K1311	K1215
Standard	Walter	Walter	Walter	Walter	DIN 333-B
Cutting tool material	HSS	HSS	HSS	HSS	HSS
Coating / grade	HSS	HSS	HSS	HSS	HSS
Shank	uncoated	uncoated	uncoated	uncoated	uncoated
Diameter range	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Stainless steel	●●	●●	●●	●●	●●
M Cast iron	●●	●●	●●	●●	●●
K NF metals	●●	●●	●●	●●	●●
N Materials with difficult cutting properties	●●	●●	●●	●●	●●
S Hard materials	●●	●●	●●	●●	●●
H Other					
O Andere	●●	●●	●●	●●	●●
Page in catalogue	B 424	B 425	B 426	B 427	B 428
QR code					
www.walter-tools.com/woc/	K1411M	K1411L	K1313	K1311	K1215

WALTER SELECT

●● **Primary application** ● **Other application**

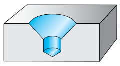
Solid carbide and HSS center drills

Machining					
Shape	A	R	R	R	A
					
Designation	K1131	K1114	K1113TIN	K1113	K1112
Standard	DIN 333-A	DIN 333-R	DIN 333-R	DIN 333-R	DIN 333-A
Cutting tool material	HSS	HSS	HSS	HSS	HSS
Coating / grade	HSS	HSS	HSS	HSS	HSS
Shank	uncoated	uncoated	TIN	uncoated	uncoated
Diameter range	Cylindrical shank	Cylindrical shank with flat	Cylindrical shank	Cylindrical shank	Cylindrical shank with flat
P Stainless steel	●●	●●	●●	●●	●●
M Cast iron	●●	●●	●●	●●	●●
K NF metals	●●	●●	●●	●●	●●
N Materials with difficult cutting properties	●●	●●	●●	●●	●●
S Hard materials	●●	●●	●●	●●	●●
H Other					
O Andere	●●	●●	●●	●●	●●
Page in catalogue	B 429	B 430	B 431	B 431	B 432
QR code					
www.walter-tools.com/woc/	K1131	K1114	K1113TIN	K1113	K1112

WALTER SELECT ●● Primary application ● Other application

B1

Solid carbide and HSS center drills

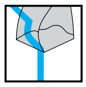
Machining		
Shape	A	A
		
Designation	K1111TIN	K1111
Standard	DIN 333-A	DIN 333-A
Cutting tool material	HSS	HSS
Coating / grade	HSS	HSS
Shank	TIN	uncoated
Diameter range	Cylindrical shank	Cylindrical shank
P Stainless steel	●●	●●
M Cast iron	●●	●●
K NF metals	●●	●●
N Materials with difficult cutting properties	●●	●●
S Hard materials	●●	●●
H Other		
O Andere	●●	●●
Page in catalogue	B 433	B 433
QR code		
www.walter-tools.com/woc/	K1111TIN	K1111

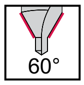
WALTER SELECT ●● Primary application ● Other application

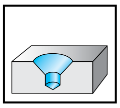
Solid carbide centre drills
K1161 / K1161XPL

– For straight contact surfaces in accordance with DIN 332 A
– Form A

DIN 333

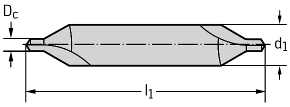
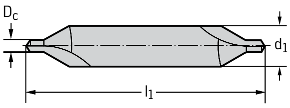






	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●	●●
XPL	●●	●●	●●	●●	●●	●●	●●

Tool

	Designation	k12	l_1 mm	h9
 Cylindrical shank	K1161-0.5	0,5	25	3,15
	K1161-0.8	0,8	25	3,15
	K1161-1	1	31,5	3,15
	K1161-1.25	1,25	31,5	3,15
	K1161-1.6	1,6	35,5	4
	K1161-2	2	40	5
	K1161-2.5	2,5	45	6,3
	K1161-3.15	3,15	50	8
	K1161-4	4	56	10
	K1161-5	5	63	12,5
	K1161-6.3	6,3	71	16
 Cylindrical shank	K1161XPL-0.5	0,5	25	3,15
	K1161XPL-0.8	0,8	25	3,15
	K1161XPL-1	1	31,5	3,15
	K1161XPL-1.25	1,25	31,5	3,15
	K1161XPL-1.6	1,6	35,5	4
	K1161XPL-2	2	40	5
	K1161XPL-2.5	2,5	45	6,3
	K1161XPL-3.15	3,15	50	8
	K1161XPL-4	4	56	10
	K1161XPL-5	5	63	12,5
	K1161XPL-6.3	6,3	71	16

D_c 0.5/0.8 mm, single sided

WALTER SELECT

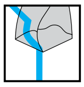
●● Primary application ● Other application

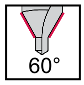
Best tool for → Good = → Average = → Poor = machining conditions

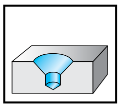
HSS centre drills
K1911

– For straight contact surfaces in accordance with DIN 332 A
– Form A

B.S.
328



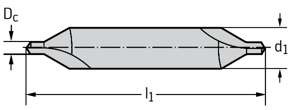




	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

B1

Tool



Cylindrical shank

Designation	Size	k12	D_c Inch/Nr	l_1 mm	h9
K1911-BS1	B.S. 1	1,191	1/8"	38,1	3,175
K1911-BS2	B.S. 2	1,588	3/16"	44,5	4,763
K1911-BS3	B.S. 3	2,381	1/4"	50,8	6,35
K1911-BS4	B.S. 4	3,175	5/16"	57,2	7,938
K1911-BS5	B.S. 5	4,763	7/16"	63,5	11,113
K1911-BS6	B.S. 6	6,35	5/8"	76,2	15,875
K1911-BS7	B.S. 7	7,938	3/4"	88,9	19,05

WALTER SELECT

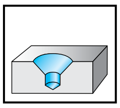
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

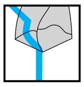
HSS centre drills

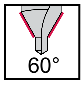
K1811

– For straight contact surfaces in accordance with DIN 332 A
– Form A



ANSI
B 94.11

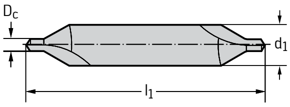




B1

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank

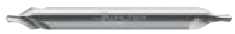
Designation	Size	k12	Dc Inch/Nr	l1 mm	h9
K1811-NO.00	NR. 00	0,635	1/8"	31	3,175
K1811-NO.0	NR. 0	0,794	1/8"	31	3,175
K1811-NO1	NR. 1	1,191	1/8"	31,8	3,175
K1811-NO2	NR. 2	1,984	3/16"	47,6	4,763
K1811-NO3	NR. 3	2,778	1/4"	50,8	6,35
K1811-NO4	NR. 4	3,175	5/16"	54	7,938
K1811-NO5	NR. 5	4,763	7/16"	69,9	11,113
K1811-NO6	NR. 6	5,556	1/2"	76,2	12,7
K1811-NO7	NR. 7	6,35	5/8"	82,6	15,875
K1811-NO8	NR. 8	7,938	3/4"	88,9	19,05

WALTER SELECT

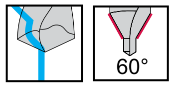
●● Primary application ● Other application

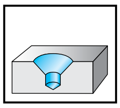
Best tool for → Good = → Average = → Poor = machining conditions

HSS centre drills, extra long
K1411S



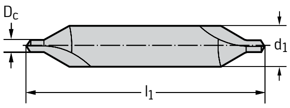
– For straight contact surfaces in accordance with DIN 332 A
– Form A





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank

Designation	k12	l_1 mm	h9
K1411S-0.75X3.5	0,75	60	3,5
K1411S-1X4	1	60	4
K1411S-1.5X5	1,5	60	5
K1411S-2X6	2	80	6
K1411S-2.5X8	2,5	80	8
K1411S-3X8	3	80	8
K1411S-4X10	4	100	10
K1411S-5X14	5	120	14

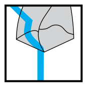
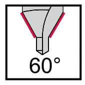
WALTER SELECT

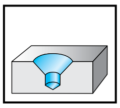
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

HSS centre drills, extra long
K1411M

– For straight contact surfaces in accordance with DIN 332 A
– Form A

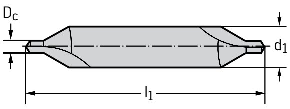





B1

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank

Designation	k12	l_1 mm	h9
K1411M-0.75X3.5	0,75	120	3,5
K1411M-1X4	1	120	4
K1411M-1.5X5	1,5	120	5
K1411M-2X6	2	120	6
K1411M-2.5X8	2,5	120	8
K1411M-3X8	3	120	8
K1411M-4X10	4	120	10

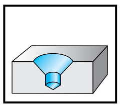
WALTER SELECT

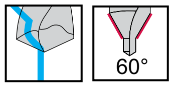
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

HSS centre drills, extra long
K1411L

– For straight contact surfaces in accordance with DIN 332 A
– Form A

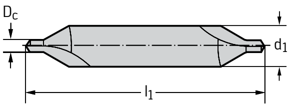




	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

B1

Tool



Cylindrical shank

Designation	k12	l_1 mm	h9
K1411L-2X5	2	200	5
K1411L-2.5X6.3	2,5	200	6,3
K1411L-3.15X8	3,15	200	8
K1411L-4X10	4	200	10

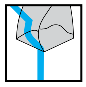
WALTER SELECT

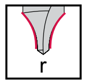
●● Primary application ● Other application

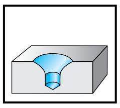
Best tool for → Good = → Average = → Poor = machining conditions

HSS centre drills
K1313

– Form R

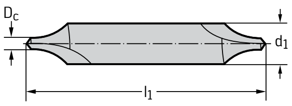






	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank

Designation	k12	l_1 mm	h9
K1313-1	1	31,5	4
K1313-1.5	1,5	40	5
K1313-2	2	45	6
K1313-2.5	2,5	50	8
K1313-3	3	56	10
K1313-4	4	66	12

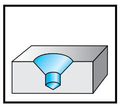
WALTER SELECT

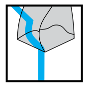
●● Primary application ● Other application

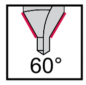
Best tool for → Good = → Average = → Poor = machining conditions

HSS centre drills
K1311

– For straight contact surfaces in accordance with DIN 332 A
– Form A



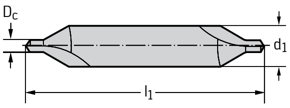




B1

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank

Designation	k12	l_1 mm	h9
K1311-0.63	0,63	20	3,15
K1311-0.75	0,75	35	3,5
K1311-1	1	31,5	4
K1311-1.5	1,5	40	5
K1311-1.6	1,6	40	5
K1311-2	2	45	6
K1311-2.5	2,5	50	8
K1311-3	3	56	10
K1311-3.15	3,15	56	10
K1311-4	4	66	12
K1311-5	5	78	14
K1311-6	6	90	18

D_c 0.63 mm, single sided

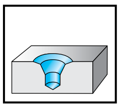
WALTER SELECT

●● Primary application ● Other application

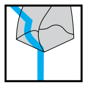
Best tool for → Good = → Average = → Poor = machining conditions

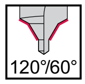
HSS centre drills
K1215

– Form B



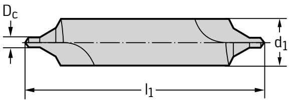
DIN 333





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank

Designation	k12	l_1 mm	h9
K1215-1	1	35,5	4
K1215-1.25	1,25	40	5
K1215-1.6	1,6	45	6,3
K1215-2	2	50	8
K1215-2.5	2,5	56	10
K1215-3.15	3,15	60	11,2
K1215-4	4	67	14
K1215-5	5	75	18
K1215-6.3	6,3	80	20
K1215-8	8	100	25
K1215-10	10	125	31,5

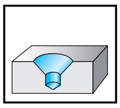
WALTER SELECT

●● Primary application ● Other application

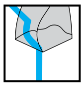
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

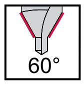
HSS centre drills, left
K1131

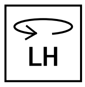
– For straight contact surfaces in accordance with DIN 332 A
– Form A



DIN 333



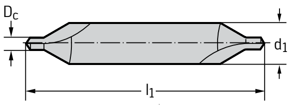




	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

B1

Tool



Cylindrical shank

Designation	k12	l_1 mm	h9
K1131-0.5	0,5	25	3,15
K1131-0.8	0,8	25	3,15
K1131-1	1	31,5	3,15
K1131-1.25	1,25	31,5	3,15
K1131-1.6	1,6	35,5	4
K1131-2	2	40	5
K1131-2.5	2,5	45	6,3
K1131-3.15	3,15	50	8
K1131-4	4	56	10
K1131-5	5	63	12,5
K1131-6.3	6,3	71	16

D_c 0.5/0.8 mm, single sided

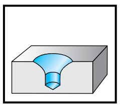
WALTER SELECT

●● Primary application ● Other application

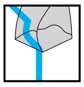
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

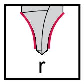
HSS centre drills
K1114

– Form R with flat section



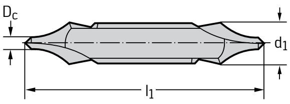
DIN 333





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank with flat

Designation	k12	l_1 mm	h9
K1114-2	2	40	5
K1114-2.5	2,5	45	6,3
K1114-3.15	3,15	50	8
K1114-4	4	56	10
K1114-5	5	63	12,5

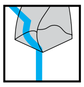
WALTER SELECT

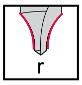
●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

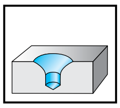
HSS centre drills
K1113 / K1113TIN

DIN
333





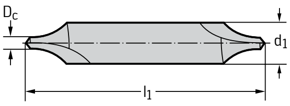
– Form R



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●
TIN	●●	●●	●●	●●	●●		●●

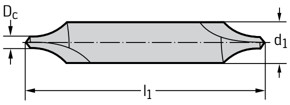
B1

Tool



Cylindrical shank

Designation	k12	l_1 mm	h9
K1113-0.5	0,5	25	3,15
K1113-0.8	0,8	25	3,15
K1113-1	1	31,5	3,15
K1113-1.25	1,25	31,5	3,15
K1113-1.6	1,6	35,5	4
K1113-2	2	40	5
K1113-2.5	2,5	45	6,3
K1113-3.15	3,15	50	8
K1113-4	4	56	10
K1113-5	5	63	12,5
K1113-6.3	6,3	71	16
K1113-8	8	80	20
K1113-10	10	100	25



Cylindrical shank

Designation	k12	l_1 mm	h9
K1113TIN-1	1	31,5	3,15
K1113TIN-1.25	1,25	31,5	3,15
K1113TIN-1.6	1,6	35,5	4
K1113TIN-2	2	40	5
K1113TIN-2.5	2,5	45	6,3
K1113TIN-3.15	3,15	50	8
K1113TIN-4	4	56	10
K1113TIN-5	5	63	12,5

D_c 0.5/0.8 mm, single sided

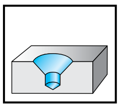
WALTER SELECT

●● Primary application ● Other application

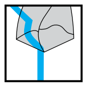
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

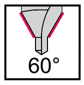
HSS centre drills
K1112

– For straight contact surfaces in accordance with DIN 332 A
– Form A with flat section



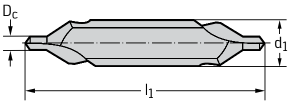
DIN 333





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool



Cylindrical shank with flat

Designation	k12	l_1 mm	h9
K1112-1.6	1,6	35,5	4
K1112-2	2	40	5
K1112-2.5	2,5	45	6,3
K1112-3.15	3,15	50	8
K1112-4	4	56	10
K1112-5	5	63	12,5

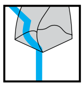
WALTER SELECT

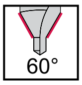
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

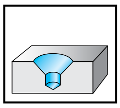
HSS centre drills
K1111 / K1111TIN

DIN 333



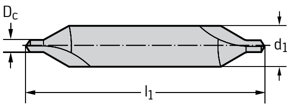
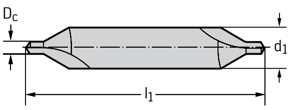


– For straight contact surfaces in accordance with DIN 332 A
– Form A



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●
TIN	●●	●●	●●	●●	●●		●●

Tool

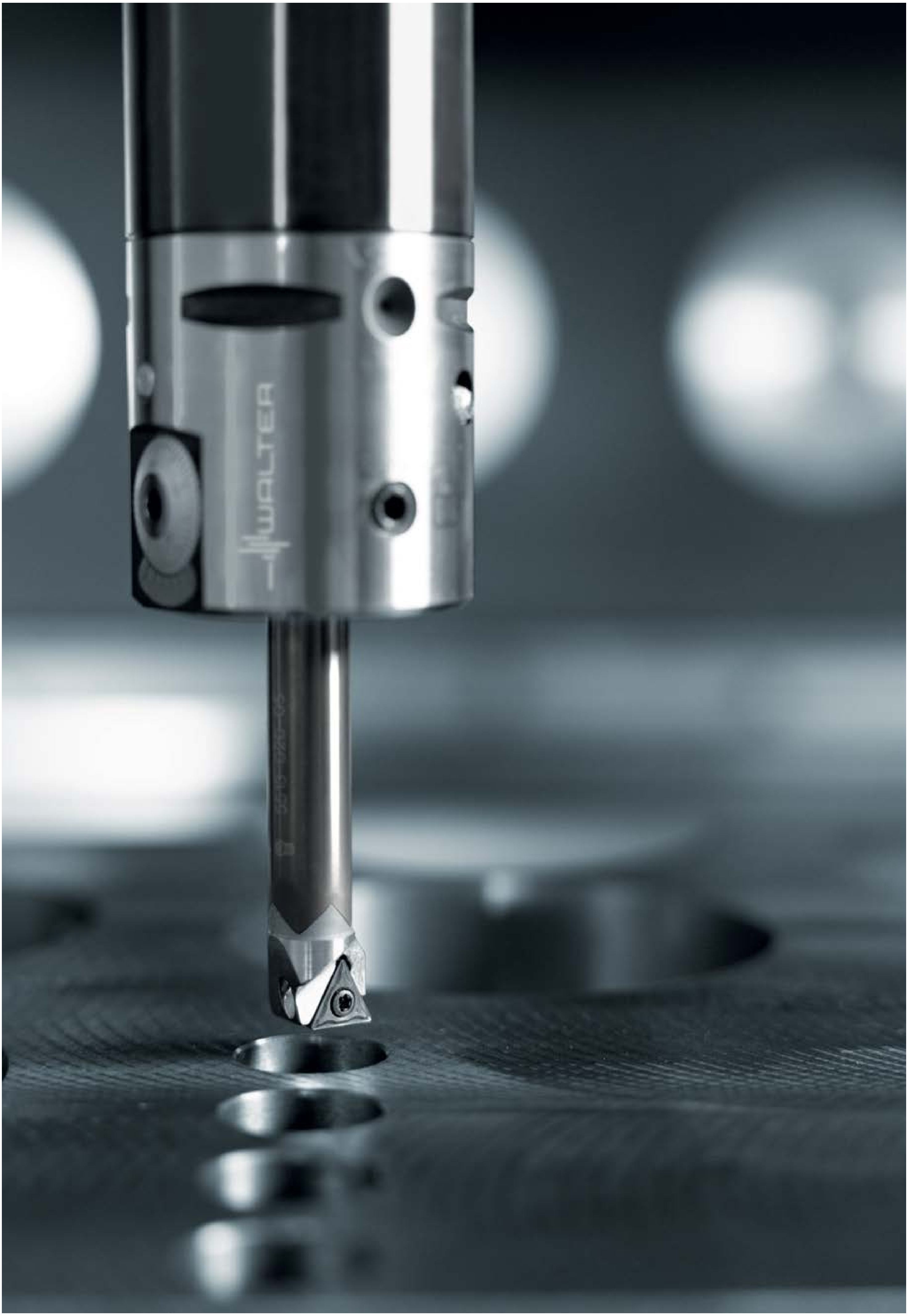
	Designation	k12	l_1 mm	h9
 Cylindrical shank	K1111-0.5	0,5	25	3,15
	K1111-0.8	0,8	25	3,15
	K1111-1	1	31,5	3,15
	K1111-1.25	1,25	31,5	3,15
	K1111-1.6	1,6	35,5	4
	K1111-2	2	40	5
	K1111-2.5	2,5	45	6,3
	K1111-3.15	3,15	50	8
	K1111-4	4	56	10
	K1111-5	5	63	12,5
	K1111-6.3	6,3	71	16
	K1111-8	8	80	20
	K1111-10	10	100	25
	K1111-12.5	12,5	125	31,5
 Cylindrical shank	K1111TIN-1	1	31,5	3,15
	K1111TIN-1.25	1,25	31,5	3,15
	K1111TIN-1.6	1,6	35,5	4
	K1111TIN-2	2	40	5
	K1111TIN-2.5	2,5	45	6,3
	K1111TIN-3.15	3,15	50	8
	K1111TIN-4	4	56	10
	K1111TIN-5	5	63	12,5

D_c 0.5/0.8 mm, single sided

WALTER SELECT

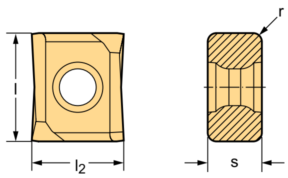
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

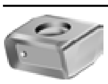

WALTER

B – Drilling

Tangential rhombic
P4130 / P4160 / P4460



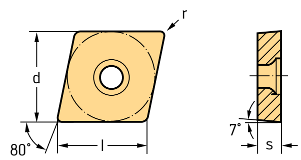
Indexable inserts

					P		M	K		N		S
					HC		HC	HC		HC	HW	HC
	Designation	l2 mm	l mm	r mm	WKP30S	WSM20S	WSM20S	WKK10S	WKK20S	WNN15	WK10	WSM20S
	P4130-4R12-E47	10,48	14	1,2	Average			Good	Average			
	P4160-2L08-E47	9,69	10	0,8	Average	Poor	Average		Average			Average
	P4160-2R04-E47	9,69	10	0,4	Average	Poor	Average		Average			Average
	P4160-2R08-E47	9,69	10	0,8	Average	Poor	Average		Average			Average
	P4460-2R04-G88	9,69	10	0,4						Good		
	P4460-2R08-G88	9,69	10	0,8						Good	Average	

Ordering example for the grade WKK10S: P4130-4R12-E47 WKK10S

HC = Coated carbide
HW = Uncoated carbide

Positive rhombic 80°
CCGT / CCMT
Tiger·tec® Gold



Indexable inserts

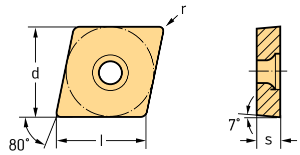
					P						M					K		S			
					HC						HC					HC		HC			
	Designation	l mm	r mm	r mm	WMP20S	WPP10G	WPP20G	WPP20S	WPP30G	WSM20S	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
	CCGT060204-MK4	6,45	0,4														Average				
	CCGT060208-MK4	6,45	0,8														Average				
	CCGT09T304-MK4	9,67	0,4														Average				
	CCGT09T308-MK4	9,67	0,8														Average				
	CCGT120408-MK4	12,9	0,8														Average				
	CCGT060204-MM4	6,45	0,4									Good		Average				Good		Average	
	CCGT060208-MM4	6,45	0,8									Good		Average				Good		Average	
	CCGT09T304-MM4	9,67	0,4									Good		Average				Good		Average	
	CCGT09T308-MM4	9,67	0,8									Good		Average				Good		Average	
	CCGT120408-MM4	12,9	0,8											Average						Average	
	CCGT060204-MP4	6,45	0,4				Average														
	CCGT09T304-MP4	9,67	0,4			Good	Average														
	CCGT09T308-MP4	9,67	0,8			Good	Average														
	CCGT120408-MP4	12,9	0,8			Good	Average														

See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK20S: CCGT060204-MK4 WKK20S

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Positive rhombic 80°
CCGT / CCMT
Tiger·tec® Gold



Indexable inserts

	Designation	l mm	r mm	r mm	P HC WMP20S	P HC WPP10G	P HC WPP20G	P HC WPP20S	P HC WPP30G	P HC WSM20S	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	CCMT060202-E47	6,45		0,2				☹		☹				😐	☹					😐	☹
	CCMT060204-E47	6,45		0,4				☹		☹				😐	☹					😐	☹
	CCMT09T302-E47	9,67		0,2				☹		☹				😐						😐	
	CCMT09T304-E47	9,67		0,4				☹		☹				😐	☹					😐	☹
	CCMT09T308-E47	9,67		0,8				☹		☹				😐	☹					😐	☹
	CCMT120404-E47	12,9		0,4				☹		☹				😐	☹					😐	☹
	CCMT120408-E47	12,9		0,8				☹		☹				😐	☹					😐	☹
	CCMT120412-E47	12,9		1,2				☹		☹				😐						😐	
	CCMT060204-MK4	6,45	0,4													☺	😐				
	CCMT060208-MK4	6,45	0,8														😐				
	CCMT09T304-MK4	9,67	0,4													☺	😐				
	CCMT09T308-MK4	9,67	0,8													☺	😐				
	CCMT120404-MK4	12,9	0,4													☺	😐				
	CCMT120408-MK4	12,9	0,8													☺	😐				
	CCMT060204-MM4	6,45	0,4		😐						😐		☺	😐	☹				☺	😐	☹
	CCMT060208-MM4	6,45	0,8		😐						😐			😐						😐	
	CCMT09T304-MM4	9,67	0,4		😐						😐	☺	☺	😐	☹			☺	☺	😐	☹
	CCMT09T308-MM4	9,67	0,8		😐						😐	☺	☺	😐	☹			☺	☺	😐	☹
	CCMT120404-MM4	12,9	0,4		😐						😐			😐						😐	
	CCMT120408-MM4	12,9	0,8		😐						😐		☺	😐					☺	😐	
	CCMT060204-MP4	6,45	0,4			☺	😐														
	CCMT060208-MP4	6,45	0,8			☺	😐														
	CCMT09T304-MP4	9,67	0,4			☺	😐														
	CCMT09T308-MP4	9,67	0,8			☺	😐														
	CCMT120404-MP4	12,9	0,4			☺	😐														
	CCMT120408-MP4	12,9	0,8			☺	😐														
	CCMT060204-RK4	6,45	0,4													☺	😐				
	CCMT060208-RK4	6,45	0,8													☺	😐				
	CCMT09T304-RK4	9,67	0,4													☺	😐				
	CCMT09T308-RK4	9,67	0,8													☺	😐				
	CCMT120404-RK4	12,9	0,4													☺	😐				
	CCMT120408-RK4	12,9	0,8													☺	😐				
	CCMT120412-RK4	12,9	1,2													☺	😐				
	CCMT060204-RM4	6,45	0,4		😐						😐		☺	😐	☹				☺	😐	☹
	CCMT060208-RM4	6,45	0,8		😐						😐		☺	😐	☹				☺	😐	☹
	CCMT09T304-RM4	9,67	0,4		😐						😐		☺	😐	☹				☺	😐	☹
	CCMT09T308-RM4	9,67	0,8		😐						😐		☺	😐	☹				☺	😐	☹
	CCMT120404-RM4	12,9	0,4		😐						😐		☺	😐	☹				☺	😐	☹
	CCMT120408-RM4	12,9	0,8		😐						😐		☺	😐	☹				☺	😐	☹
	CCMT120412-RM4	12,9	1,2		😐						😐			😐	☹					😐	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK20S: CCGT060204-MK4 WKK20S

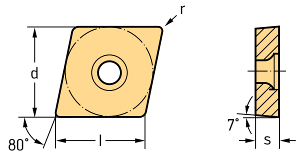
HC = Coated carbide

B 2

Positive rhombic 80°

CCGT / CCMT

Tiger·tec® Gold



Indexable inserts

Designation	l mm	r mm	r mm	P HC WMP20S	P HC WPP10G	P HC WPP20G	P HC WPP20S	P HC WPP30G	P HC WSM20S	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
CCMT060204-RP4	6,45	0,4			Good	Average		Poor												
CCMT060208-RP4	6,45	0,8				Average		Poor												
CCMT09T304-RP4	9,67	0,4			Good	Average		Poor												
CCMT09T308-RP4	9,67	0,8			Good	Average		Poor												
CCMT120404-RP4	12,9	0,4			Good	Average		Poor												
CCMT120408-RP4	12,9	0,8			Good	Average		Poor												
CCMT120412-RP4	12,9	1,2			Good	Average		Poor												

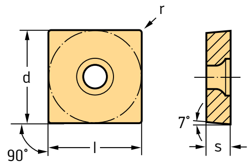
See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK20S: CCGT060204-MK4 WKK20S

HC = Coated carbide

Positive square

SCGT / SCMT

Tiger·tec® Gold



Indexable inserts



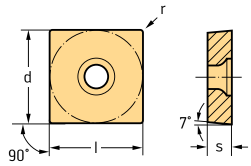

Designation	l mm	r mm	r mm	P HC WMP20S	P HC WPP10G	P HC WPP20G	P HC WPP20S	P HC WPP30G	P HC WSM20S	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
SCGT09T308-MK4	9,53	0,8														Average				
SCGT120408-MK4	12,7	0,8														Average				
SCGT09T304-MM4	9,53	0,4									Good		Average				Good		Average	
SCGT09T308-MM4	9,53	0,8									Good		Average				Good		Average	
SCGT120408-MM4	12,7	0,8											Average						Average	
SCGT09T304-MP4	9,53	0,4				Average														
SCGT09T308-MP4	9,53	0,8				Average														
SCGT120408-MP4	12,7	0,8				Average														
SCMT060204-E47	6,35		0,4				Poor		Poor			Good	Average	Poor				Good	Average	Poor
SCMT09T304-E47	9,53		0,4				Poor		Poor			Good	Average					Good	Average	
SCMT09T308-E47	9,53		0,8				Poor		Poor			Good	Average	Poor				Good	Average	Poor
SCMT120408-E47	12,7		0,8				Poor		Poor				Average	Poor					Average	Poor

See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK20S: SCGT09T308-MK4 WKK20S

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive square
SCGT / SCMT
Tiger·tec® Gold



Indexable inserts

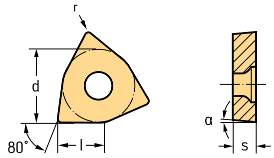
					P HC						M HC					K HC		S HC			
	Designation	l mm	r mm	r mm	WMP20S	WPP10G	WPP20G	WPP20S	WPP30G	WSM20S	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
	SCMT09T304-MK4	9,53	0,4													☺	😐				
	SCMT09T308-MK4	9,53	0,8													☺	😐				
	SCMT120408-MK4	12,7	0,8													☺	😐				
	SCMT09T304-MM4	9,53	0,4		😐						😐		☺	😐					☺	😐	
	SCMT09T308-MM4	9,53	0,8		😐						😐		☺	😐	☹				☺	😐	☹
	SCMT120408-MM4	12,7	0,8		😐						😐			😐						😐	
	SCMT09T304-MP4	9,53	0,4				😐														
	SCMT09T308-MP4	9,53	0,8			☺	😐														
	SCMT120408-MP4	12,7	0,8			☺	😐														
	SCMT09T304-RK4	9,53	0,4													☺	😐				
	SCMT09T308-RK4	9,53	0,8													☺	😐				
	SCMT120404-RK4	12,7	0,4													☺	😐				
	SCMT120408-RK4	12,7	0,8													☺	😐				
	SCMT120412-RK4	12,7	1,2													☺	😐				
	SCMT09T304-RM4	9,53	0,4											😐	☹					😐	☹
	SCMT09T308-RM4	9,53	0,8		😐						😐		☺	😐	☹				☺	😐	☹
	SCMT120404-RM4	12,7	0,4											😐	☹					😐	☹
	SCMT120408-RM4	12,7	0,8		😐						😐		☺	😐	☹				☺	😐	☹
	SCMT120412-RM4	12,7	1,2		😐						😐			😐	☹					😐	☹
	SCMT09T304-RP4	9,53	0,4			☺	😐		☹												
	SCMT09T308-RP4	9,53	0,8			☺	😐		☹												
	SCMT09T312-RP4	9,53	1,2			☺															
	SCMT120404-RP4	12,7	0,4			☺	😐		☹												
	SCMT120408-RP4	12,7	0,8			☺	😐		☹												
	SCMT120412-RP4	12,7	1,2			☺	😐		☹												

See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK20S: SCGT09T308-MK4 WKK20S

HC = Coated carbide

B 2

Positive Trigon 80°
WCMT
Tiger·tec® Gold



B 2

Indexable inserts

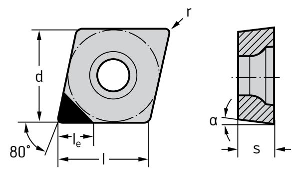
	Designation	l mm	r mm	r mm	P HC WPP20G	P HC WPP20S	P HC WPP30G	P HC WSM20S	M HC WSM20S	M HC WSM30S	K HC WKK20S	S HC WSM20S	S HC WSM30S
	WCMT030204-E47	3,5	0,4			Poor		Poor	Average			Average	
	WCMT040204-E47	4,3	0,4			Poor		Poor	Average			Average	
	WCMT06T304-E47	6,5	0,4			Poor							
	WCMT06T308-E47	6,5	0,8					Poor	Average			Average	
	WCMT06T304-MM4	6,52		0,4					Average			Average	
	WCMT06T308-MM4	6,52		0,8					Average			Average	
	WCMT06T304-MP4	6,52		0,4	Average								
	WCMT06T308-MP4	6,52		0,8	Average								
	WCMT040204-RK4	4,34		0,4							Average		
	WCMT06T304-RK4	6,52		0,4							Average		
	WCMT06T308-RK4	6,52		0,8							Average		
	WCMT080404-RK4	8,69		0,4							Average		
	WCMT080408-RK4	8,69		0,8							Average		
	WCMT080412-RK4	8,69		1,2							Average		
	WCMT030202-RM4	3,91		0,2					Average			Average	
	WCMT040202-RM4	4,34		0,2					Average	Poor		Average	Poor
	WCMT040204-RM4	4,34		0,4					Average	Poor		Average	Poor
	WCMT06T304-RM4	6,52		0,4					Average	Poor		Average	Poor
	WCMT06T308-RM4	6,52		0,8					Average	Poor		Average	Poor
	WCMT080408-RM4	8,69		0,8					Average	Poor		Average	Poor
	WCMT080412-RM4	8,69		1,2					Average			Average	
	WCMT030202-RP4	3,91		0,2	Average								
	WCMT040204-RP4	4,34		0,4	Average								
	WCMT06T304-RP4	6,52		0,4	Average								
	WCMT06T308-RP4	6,52		0,8	Average		Poor						
	WCMT080404-RP4	8,69		0,4	Average								
	WCMT080408-RP4	8,69		0,8	Average		Poor						
	WCMT080412-RP4	8,69		1,2	Average								

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20S: WCMT030204-E47 WPP20S

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☻ → Average = (average face) → Poor = (poor face) machining conditions

CBN – Positive rhombic 80°
CPGW



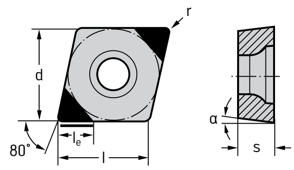
Indexable inserts

	Designation	Number of cutting edges	l mm	r mm	H BH WCB50
	CPGW050202	1	5,65	0,2	Average
	CPGW050204	1	5,65	0,4	Average

See the ISO 1832 designation key for dimensions
Ordering example for the grade WCB50: CPGW050202 WCB50

BH = CBN with high CBN content

CBN – Positive rhombic 80°
CCGW



Indexable inserts

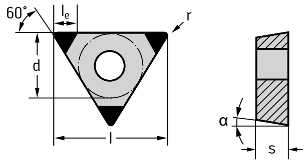
	Designation	Number of cutting edges	l_e mm	l mm	r mm	α	K BH WBK20	S BH WBS10	H BC WBH10C	H BC WBH20C	H BH WBH30	H BL WBH10	H BL WBH20
	CCGW060202EM-2	2	2,8	6,45	0,2	7°		Good					
	CCGW060204EM-2	2	2,8	6,45	0,4	7°		Good					
	CCGW09T304EM-2	2	2,8	9,67	0,4	7°		Good					
	CCGW09T308EM-2	2	2,7	9,67	0,8	7°		Good					
	CCGW060202TM-2	2	2,8	6,45	0,2	7°				Average			
	CCGW060204TM-2	2	2,8	6,45	0,4	7°			Good	Average	Poor	Good	Average
	CCGW060208TM-2	2	2,7	6,45	0,8	7°			Good	Average	Poor		Average
	CCGW09T304TM-2	2	2,8	9,67	0,4	7°			Good	Average	Poor	Good	Average
	CCGW09T308TM-2	2	2,7	9,67	0,8	7°			Good	Average	Poor	Good	Average
	CCGW09T304TS-MW2	2	2,8	9,67	0,4	7°							
	CCGW09T308TM-MW2	2	2,7	9,67	0,8	7°			Good				
	CCGW060202TS-2	2	2,8	6,45	0,2	7°	Average		Good			Good	
	CCGW060204TS-2	2	2,8	6,45	0,4	7°	Average						
	CCGW060208TS-2	2	2,7	6,45	0,8	7°	Average						
	CCGW09T304TS-2	2	2,8	9,67	0,4	7°	Average						
	CCGW09T308TS-2	2	2,7	9,67	0,8	7°	Average						

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBS10: CCGW060202EM-2 WBS10

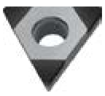
BH = CBN with high CBN content
BC = CBN Coated
BL = CBN with low CBN content

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ✖ machining conditions

CBN – Positive triangular 60°
TCGW



Indexable inserts

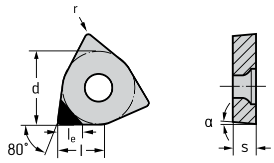



Designation	Number of cutting edges	l_e mm	l mm	r mm	α	K BH WBK20	H BC WBH10C	H BC WBH20C	H BH WBH30	H BL WBH10	H BL WBH20
TCGW110204TM-3	3	3,1	11	0,4	7°		Good	Average	Poor	Good	Average
TCGW110208TM-3	3	2,8	11	0,8	7°		Good	Average	Poor	Good	Average
TCGW110202TS-3	3	2,8	11	0,2	7°	Average					
TCGW110204TS-3	3	3,1	11	0,4	7°	Average					

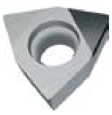
See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10: TCGW110204TM-3 WBH10

BH = CBN with high CBN content
BC = CBN Coated
BL = CBN with low CBN content

CBN – Positive trigon 80°
WCMW



Indexable inserts

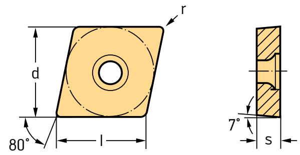
Designation	Number of cutting edges	l mm	r mm	K BH WCB80	N DP WCD10	H BH WCB50	H BH WCB80
WCMW020102	1	2,7	0,2	Good		Average	Poor
WCMW020104	1	2,7	0,4			Average	
WCMW030202	1	3,5	0,2	Good		Average	Poor
WCMW030204	1	3,5	0,4	Good		Average	Poor
WCMW040202	1	4,3	0,2			Average	
WCMW040204	1	4,3	0,4	Good		Average	Poor
WCMW050304	1	5,43	0,4	Good		Average	Poor
WCMW020104		2,7	0,4		Average		
WCMW030202		3,5	0,2		Average		
WCMW030204		3,5	0,4		Average		
WCMW040202		4,3	0,2		Average		
WCMW040204		4,3	0,4		Average		
WCMW050304		5,43	0,4		Average		

See the ISO 1832 designation key for dimensions
Ordering example for the grade WCB50: WCMW020102 WCB50

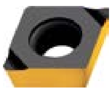
BH = CBN with high CBN content
DP = Polycrystalline diamond

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ● → Poor = ☹ machining conditions

Positive rhombic 80°
CCMT / CPGT / CPMT
Tiger·tec® Gold



Indexable inserts

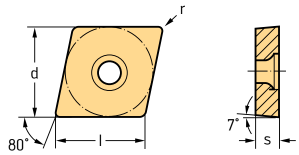
	Designation	l mm	r mm	r mm	P HC WMP20S	P HC WPP10G	P HC WPP20G	P HC WTP35	P HC WXM15	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM20S	M HC WXM15	K HC WAK15	K HC WXM15	N HW WK1	S HC WSM01	S HC WSM20S
	CCMT060204-FP6	6,45	0,4			Good	Average												
	CCMT060208-FP6	6,45	0,8				Average												
	CCMT09T304-FP6	9,67	0,4			Good	Average												
	CCMT09T308-FP6	9,67	0,8			Good	Average												
	CCMT120404-FP6	12,9	0,4				Average												
	CCMT120408-FP6	12,9	0,8				Average												
	CPGT050202M-FP2	5,64	0,17							Good									
	CPGT050204M-FP2	5,64	0,37							Good									
	CPGT050204-MM4	5,64	0,4										Average						Average
	CPGT060201-MM4	6,45	0,1									Good						Good	
	CPGT060202-MM4	6,45	0,2									Good						Good	
	CPGT060204-MM4	6,45	0,4									Good	Average					Good	Average
	CPGT060208-MM4	6,45	0,8									Good						Good	
	CPGT09T301-MM4	9,67	0,1									Good						Good	
	CPGT09T304-MM4	9,67	0,4									Good	Average					Good	Average
	CPGT09T308-MM4	9,67	0,8									Good	Average					Good	Average
	CPGT050202-X15	5,65		0,2				Average	Good					Good	Good	Good			
	CPGT050204-X15	5,65		0,4				Average	Good					Good	Good	Good	Average		
	CPGT050204-X25	5,65		0,4													Average		
	CPGT050202-X5	5,65		0,2				Average	Good					Good	Good	Good			
	CPGT050204-X5	5,65		0,4				Average	Good					Good	Good	Good			
	CPMT050204-FM4	5,64	0,4		Average						Average		Average						Average
	CPMT060204-FM4	6,45	0,4		Average						Average		Average						Average
	CPMT09T304-FM4	9,67	0,4		Average						Average		Average						Average
	CPMT09T308-FM4	9,67	0,8		Average						Average		Average						Average
	CPMT050204-FP4	5,64	0,4			Good													
	CPMT060204-FP4	6,45	0,4			Good													
	CPMT09T304-FP4	9,67	0,4			Good													
	CPMT09T308-FP4	9,67	0,8			Good													

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP10G: CCMT060204-FP6 WPP10G

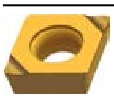
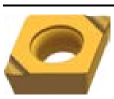
HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☻ → Average = ☻ → Poor = ☻ machining conditions

Positive rhombic 80°
CCGT / CCMT
Tiger·tec® Gold



Indexable inserts

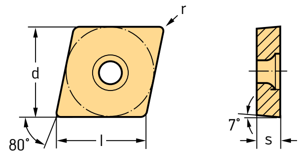
	Designation	l mm	r mm	r mm	P HC WMP20S	P HC WPP10G	P HC WPP20G	P HC WTP35	P HC WXM15	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	M HC WXM15	K HC WAK15	K HC WKK10S	K HC WKK20S	K HC WXM15	N HC WNN10	N HW WN10	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	CCGT060201-FM2	6,45	0,1											Average											Average	
	CCGT060202-FM2	6,45	0,2									Good		Average									Good		Average	
	CCGT060204-FM2	6,45	0,4									Good		Average									Good		Average	
	CCGT09T301-FM2	9,67	0,1											Average											Average	
	CCGT09T302-FM2	9,67	0,2									Good		Average									Good		Average	
	CCGT09T304-FM2	9,67	0,4									Good	Good	Average									Good	Good	Average	
	CCGT09T308-FM2	9,67	0,8									Good	Good	Average									Good	Good	Average	
	CCGT120404-FM2	12,9	0,4											Average											Average	
	CCGT120408-FM2	12,9	0,8											Average											Average	
	CCGT060201-FN2	6,45	0,1																		Average					
	CCGT060202-FN2	6,45	0,2																		Average	Good				
	CCGT060204-FN2	6,45	0,4																		Average	Good				
	CCGT09T301-FN2	9,67	0,1																		Average					
	CCGT09T302-FN2	9,67	0,2																		Average	Good				
	CCGT09T304-FN2	9,67	0,4																		Average	Good				
	CCGT09T308-FN2	9,67	0,8																		Average	Good				
	CCGT120404-FN2	12,9	0,4																		Average	Good				
	CCGT120408-FN2	12,9	0,8																		Average	Good				
	CCGT060201M-FP2	6,45	0,07							Good																
	CCGT060202M-FP2	6,45	0,17							Good																
	CCGT060204M-FP2	6,45	0,37							Good																
	CCGT09T301M-FP2	9,67	0,07							Good																
	CCGT09T302M-FP2	9,67	0,17							Good																
	CCGT09T304M-FP2	9,67	0,37							Good																
	CCGT09T308M-FP2	9,67	0,77							Good																
	CCGT060201-MN2	6,45	0,1																		Average	Good				
	CCGT060202-MN2	6,45	0,2									Good									Average	Good	Average			
	CCGT060204-MN2	6,45	0,4									Good									Average	Good	Average			
	CCGT09T301-MN2	9,67	0,1																		Average	Good				
	CCGT09T302-MN2	9,67	0,2									Good									Average	Good	Average			
	CCGT09T304-MN2	9,67	0,4									Good									Average	Good	Average			
	CCGT09T308-MN2	9,67	0,8									Good									Average	Good	Average			
	CCGT120402-MN2	12,9	0,2																		Average	Good				
	CCGT120404-MN2	12,9	0,4																		Average	Good				
	CCGT120408-MN2	12,9	0,8																		Average	Good				
	CCGT060202-X15	6,45		0,2				Average	Good							Good	Good			Good						
	CCGT060204-X15	6,45		0,4				Average	Good							Good	Good			Good						
	CCGT060202-X5	6,45		0,2				Average	Good							Good	Good			Good						
	CCGT060204-X5	6,45		0,4				Average	Good							Good	Good			Good						

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM20S: CCGT060201-FM2 WSM20S

HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive rhombic 80°
CCGT / CCMT
Tiger·tec® Gold



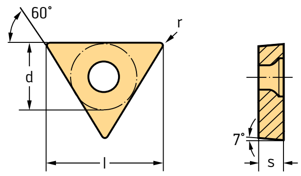
Indexable inserts

					P						M						K				N		S			
					HC					HE	HC						HC				HC	HW	HC			
	Designation	l mm	r mm	r mm	WMP20S	WPP10G	WPP20G	WTP35	WXM15	WEP10C	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WXM15	WAK15	WKK10S	WKK20S	WXM15	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S
	CCMT060204-FK6	6,45	0,4															🙂	😐							
	CCMT060208-FK6	6,45	0,8															🙂	😐							
	CCMT09T304-FK6	9,67	0,4															🙂	😐							
	CCMT09T308-FK6	9,67	0,8															🙂	😐							
	CCMT120404-FK6	12,9	0,4																😐							
	CCMT120408-FK6	12,9	0,8															🙂	😐							
	CCMT060202-FM4	6,45	0,2		😐						😐		🙂	😐	😠									🙂	😐	😠
	CCMT060204-FM4	6,45	0,4		😐						😐	🙂	🙂	😐	😠								🙂	🙂	😐	😠
	CCMT060208-FM4	6,45	0,8		😐						😐			😐	😠										😐	😠
	CCMT09T302-FM4	9,67	0,2		😐						😐	🙂	🙂	😐	😠								🙂	🙂	😐	😠
	CCMT09T304-FM4	9,67	0,4		😐						😐	🙂	🙂	😐	😠								🙂	🙂	😐	😠
	CCMT09T308-FM4	9,67	0,8		😐						😐	🙂	🙂	😐	😠								🙂	🙂	😐	😠
	CCMT120404-FM4	12,9	0,4										🙂	😐	😠									🙂	😐	😠
	CCMT120408-FM4	12,9	0,8										🙂	😐	😠									🙂	😐	😠
	CCMT060204-FM6	6,45	0,4											😐	😠										😐	😠
	CCMT060208-FM6	6,45	0,8											😐											😐	
	CCMT09T304-FM6	9,67	0,4											😐	😠										😐	😠
	CCMT09T308-FM6	9,67	0,8											😐	😠										😐	😠
	CCMT120408-FM6	12,9	0,8											😐	😠										😐	😠
	CCMT060202-FP4	6,45	0,2			🙂	😐			🙂																
	CCMT060204-FP4	6,45	0,4			🙂	😐			🙂																
	CCMT060208-FP4	6,45	0,8			🙂	😐																			
	CCMT09T302-FP4	9,67	0,2			🙂	😐			🙂																
	CCMT09T304-FP4	9,67	0,4			🙂	😐			🙂																
	CCMT09T308-FP4	9,67	0,8			🙂	😐			🙂																
	CCMT120404-FP4	12,9	0,4			🙂	😐																			
	CCMT120408-FP4	12,9	0,8			🙂	😐																			
	CCMT060204-FP6	6,45	0,4			🙂	😐																			
	CCMT060208-FP6	6,45	0,8				😐																			
	CCMT09T304-FP6	9,67	0,4			🙂	😐																			
	CCMT09T308-FP6	9,67	0,8			🙂	😐																			
	CCMT120404-FP6	12,9	0,4				😐																			
	CCMT120408-FP6	12,9	0,8				😐																			

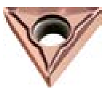
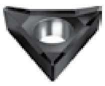
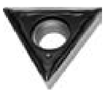
See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM20S: CCGT060201-FM2 WSM20S

HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

Positive triangular 60°
TCGT / TCMT
Tiger·tec® Gold



Indexable inserts

				P				M						N		S				
				HC			HE	HC						HC	HW	HC				
	Designation	l mm	r mm	WMP20S	WPP10G	WPP20G	WEP10C	WMP20S	WSM01	WSM10S	WSM20S	WSM21	WSM30S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM21	WSM30S
	TCGT06T101-FM2	6,87	0,1									Average							Average	
	TCGT06T102-FM2	6,87	0,2									Average							Average	
	TCGT06T104-FM2	6,87	0,4						Good			Average				Good			Average	
	TCGT090202-FM2	9,62	0,2								Average							Average		
	TCGT090204-FM2	9,62	0,4								Average							Average		
	TCGT110201-FM2	11	0,1								Average							Average		
	TCGT110202-FM2	11	0,2						Good		Average					Good		Average		
	TCGT110204-FM2	11	0,4						Good		Average					Good		Average		
	TCGT16T302-FM2	16,5	0,2								Average							Average		
	TCGT16T304-FM2	16,5	0,4						Good		Average					Good		Average		
	TCGT16T308-FM2	16,5	0,8						Good		Average					Good		Average		
	TCGT06T101-FN2	6,87	0,1											Average						
	TCGT06T102-FN2	6,87	0,2											Average						
	TCGT06T104-FN2	6,87	0,4											Average	Good					
	TCGT090202-FN2	9,62	0,2											Average						
	TCGT090204-FN2	9,62	0,4											Average	Good					
	TCGT110202-FN2	11	0,2											Average						
	TCGT110204-FN2	11	0,4											Average	Good					
	TCGT16T304-FN2	16,5	0,4											Average	Good					
	TCGT16T308-FN2	16,5	0,8											Average	Good					
	TCGT06T104M-FP2	6,87	0,37				Good													
	TCGT090204M-FP2	9,62	0,37				Good													
	TCGT110202M-FP2	11	0,17				Good													
	TCGT110204M-FP2	11	0,37				Good													
	TCGT110201-MN2	11	0,1											Average						
	TCGT110202-MN2	11	0,2											Average	Good					
	TCGT110204-MN2	11	0,4											Average	Good					
	TCGT16T302-MN2	16,5	0,2											Average	Good					
	TCGT16T304-MN2	16,5	0,4											Average	Good					
	TCGT16T308-MN2	16,5	0,8											Average	Good					
	TCMT06T102-FM4	6,87	0,2									Average							Average	
	TCMT06T104-FM4	6,87	0,4									Average							Average	
	TCMT090202-FM4	9,62	0,2							Good	Average						Good	Average		
	TCMT090204-FM4	9,62	0,4							Good	Average						Good	Average		
	TCMT090208-FM4	9,62	0,8							Good	Average						Good	Average		
	TCMT110202-FM4	11	0,2							Good	Average		Poor				Good	Average		Poor
	TCMT110204-FM4	11	0,4	Average				Average		Good	Average		Poor				Good	Average		Poor
	TCMT110208-FM4	11	0,8							Good	Average		Poor				Good	Average		Poor
	TCMT16T302-FM4	16,5	0,2								Average							Average		
	TCMT16T304-FM4	16,5	0,4	Average				Average		Good	Average		Poor				Good	Average		Poor
	TCMT16T308-FM4	16,5	0,8	Average				Average		Good	Average		Poor				Good	Average		Poor

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM21: TCGT06T101-FM2 WSM21

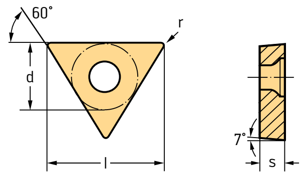
HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

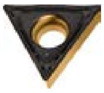
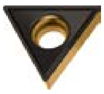
Positive triangular 60°

TCGT / TCMT

Tiger·tec® Gold



Indexable inserts

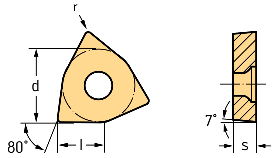
				P				M						N		S				
				HC			HE	HC						HC	HW	HC				
	Designation	l mm	r mm	WMP20S	WPP10G	WPP20G	WEP10C	WMP20S	WSM01	WSM10S	WSM20S	WSM21	WSM30S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM21	WSM30S
	TCMT06T102-FP4	6,87	0,2			●														
	TCMT06T104-FP4	6,87	0,4			●	☻													
	TCMT090202-FP4	9,62	0,2			●														
	TCMT090204-FP4	9,62	0,4		☻	●	☻													
	TCMT090208-FP4	9,62	0,8			●														
	TCMT110202-FP4	11	0,2		☻	●														
	TCMT110204-FP4	11	0,4		☻	●	☻													
	TCMT110208-FP4	11	0,8		☻	●														
	TCMT16T302-FP4	16,5	0,2			●														
	TCMT16T304-FP4	16,5	0,4		☻	●														
	TCMT16T308-FP4	16,5	0,8		☻	●	☻													
	TCMT110204-FP6	11	0,4			●														
	TCMT110208-FP6	11	0,8			●														
	TCMT16T304-FP6	16,5	0,4			●														
	TCMT16T308-FP6	16,5	0,8			●														

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM21: TCGT06T101-FM2 WSM21

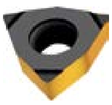
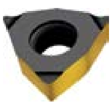
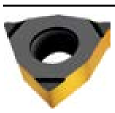
HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

B 2

Positive Trigon 80°
WCGT / WCMT / WCMW
Tiger·tec® Gold



Indexable inserts

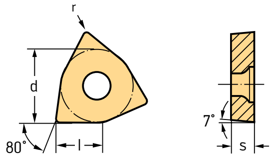
	Designation	Number of cutting edges	l mm	r mm	r mm	P				M				K			N			S			H	
						HC				HC				BH	HC		DP	HC	HW	HC			BH	
						WPP10G	WPP20G	WTP35	WXM15	WSM20S	WSM21	WSM30S	WXM15	WCB80	WAK15	WXM15	WCD10	WNN10	WK1	WSM20S	WSM21	WSM30S	WCB50	WCB80
	WCGT030202-FM2		3,91	0,2							Average										Average			
	WCGT030204-FM2		3,91	0,4							Average										Average			
	WCGT040202-FM2		4,34	0,2							Average										Average			
	WCGT040204-FM2		4,34	0,4							Average										Average			
	WCGT020102-FN2		2,7	0,2														Average						
	WCGT020104-FN2		2,7	0,4														Average						
	WCGT030202-FN2		3,91	0,2														Average						
	WCGT030204-FN2		3,91	0,4														Average						
	WCGT040202-FN2		4,34	0,2														Average						
	WCGT040204-FN2		4,34	0,4														Average						
	WCGT06T304-FN2		6,52	0,4														Average						
	WCGT06T308-FN2		6,52	0,8														Average						
	WCGT030202-MN2		3,91	0,2														Average						
	WCGT030204-MN2		3,91	0,4														Average						
	WCGT040204-MN2		4,34	0,4														Average						
	WCGT06T302-MN2		6,52	0,2														Average						
	WCGT06T304-MN2		6,52	0,4														Average						
	WCGT080404-MN2		8,69	0,4														Average						
	WCGT080408-MN2		8,69	0,8														Average						
	WCGT020102-X15		2,7		0,2			Average	Good				Good		Good	Good			Average					
	WCGT020104-X15		2,7		0,4			Average	Good				Good		Good	Good								
	WCGT030202-X15		3,5		0,2			Average	Good				Good		Good	Good			Average					
	WCGT030204-X15		3,5		0,4			Average	Good				Good		Good	Good								
	WCGT040202-X15		4,3		0,2			Average	Good				Good		Good	Good								
	WCGT040204-X15		4,3		0,4			Average	Good				Good		Good	Good								
	WCGT050304-X15		5,43		0,4			Average	Good				Good		Good	Good								
	WCGT020102-X25		2,7		0,2														Average					
	WCGT030202-X25		3,5		0,2														Average					
	WCGT030204-X25		3,5		0,4														Average					
	WCGT040204-X25		4,3		0,4														Average					
	WCGT050304-X25		5,43		0,4														Average					
	WCGT020102-X5		2,7		0,2			Average	Good				Good		Good	Good			Average					
	WCGT020104-X5		2,7		0,4			Average	Good				Good		Good	Good								
	WCGT030202-X5		3,5		0,2			Average	Good				Good		Good	Good								
	WCGT030204-X5		3,5		0,4			Average	Good				Good		Good	Good								
	WCGT040202-X5		4,3		0,2			Average							Good				Average					
	WCGT040204-X5		4,3		0,4			Average	Good				Good		Good	Good								
	WCGT050304-X5		5,43		0,4			Average	Good				Good		Good	Good			Average					
	WCMT040202-FM4		4,34	0,2						Average		Poor								Average		Poor		
	WCMT040204-FM4		4,34	0,4						Average		Poor								Average		Poor		
	WCMT06T304-FM4		6,52	0,4						Average		Poor								Average		Poor		
	WCMT06T308-FM4		6,52	0,8						Average										Average				

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM21: WCGT030202-FM2 WSM21

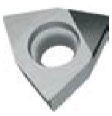
HC = Coated carbide
BH = CBN with high CBN content
DP = Polycrystalline diamond
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive Trigon 80°
WCGT / WCMT / WCMW
Tiger·tec® Gold



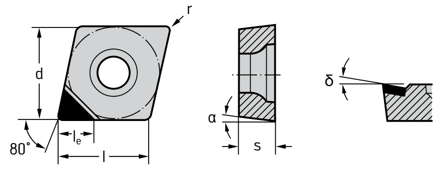
Indexable inserts

	Designation	Number of cutting edges	l mm	r mm	r mm	P				M				K			N			S			H	
						HC				HC				BH	HC		DP	HC	HW	HC			BH	
						WPP10G	WPP20G	WTP35	WXM15	WSM20S	WSM21	WSM30S	WXM15	WCB80	WAK15	WXM15	WCD10	WNN10	WK1	WSM20S	WSM21	WSM30S	WCB50	WCB80
	WCMT040202-FP4		4,34	0,2		☺	😐																	
	WCMT040204-FP4		4,34	0,4		☺	😐																	
	WCMT040208-FP4		4,34	0,8			😐																	
	WCMT06T302-FP4		6,52	0,2			😐																	
	WCMT06T304-FP4		6,52	0,4			😐																	
	WCMT06T308-FP4		6,52	0,8			😐																	
	WCMT080404-FP4		8,69	0,4			😐																	
	WCMT080408-FP4		8,69	0,8			😐																	
	WCMW020102	1	2,7		0,2									☺									😐	☹
	WCMW020104	1	2,7		0,4																		😐	
	WCMW030202	1	3,5		0,2									☺									😐	☹
	WCMW030204	1	3,5		0,4									☺									😐	☹
	WCMW040202	1	4,3		0,2																		😐	
	WCMW040204	1	4,3		0,4									☺									😐	☹
	WCMW050304	1	5,43		0,4									☺									😐	☹
	WCMW020104		2,7		0,4												😐							
	WCMW030202		3,5		0,2												😐							
	WCMW030204		3,5		0,4												😐							
	WCMW040202		4,3		0,2												😐							
	WCMW040204		4,3		0,4												😐							
	WCMW050304		5,43		0,4												😐							

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM21: WCGT030202-FM2 WSM21

HC = Coated carbide
BH = CBN with high CBN content
DP = Polycrystalline diamond
HW = Uncoated carbide

PCD – Positive rhombic 80°
CPGW



Indexable inserts

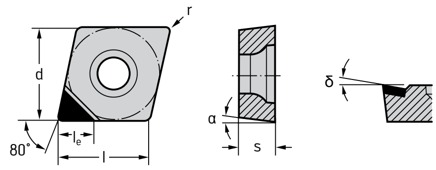
	Designation	Number of cutting edges	l_e mm	l mm	r mm	α		N DP WDN10	O DP WDN10
	CPGW050204FS-1	1	3	5,64	0,4	11°	0°	☺	☺
	CPGW060204FS-1	1	3,5	6,45	0,4	11°	0°	☺	☺
	CPGW09T304FS-1	1	4	9,67	0,4	11°	0°	☺	☺
	CPGW09T308FS-1	1	4	9,67	0,8	11°	0°	☺	☺
	CPGW120408FS-1	1	4	12,9	0,8	11°	0°	☺	☺

See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: CPGW050204FS-1 WDN10

DP = Polycrystalline diamond

B 2

PCD – Positive rhombic 80°
CCGT / CCGW



Indexable inserts

	Designation	Number of cutting edges	l_e mm	l mm	r mm	α		N DP WDN10	O DP WDN10
	CCGT060202FS-1	1	3,5	6,45	0,2	7°	7°	☺	☺
	CCGT060204FS-1	1	3,5	6,45	0,4	7°	7°	☺	☺
	CCGT060208FS-1	1	3,5	6,45	0,8	7°	7°	☺	☺
	CCGT09T304FS-1	1	4	9,67	0,4	7°	10°	☺	☺
	CCGT09T308FS-1	1	4	9,67	0,8	7°	10°	☺	☺
 Chipbreaker	CCGT060204FS-M1	1	3,5	6,45	0,4	7°		☺	☺
	CCGT09T304FS-M1	1	4	9,67	0,4	7°		☺	☺
	CCGW060202FS-1	1	3,6	6,45	0,2	7°	0°	☺	☺
	CCGW060204FS-1	1	3,5	6,45	0,4	7°	0°	☺	☺
	CCGW060208FS-1	1	3,5	6,45	0,8	7°	0°	☺	☺
	CCGW09T302FS-1	1	4,1	9,67	0,2	7°	0°	☺	☺
	CCGW09T304FS-1	1	4,1	9,67	0,4	7°	0°	☺	☺
	CCGW09T308FS-1	1	4	9,67	0,8	7°	0°	☺	☺
	CCGW120404FS-1	1	4,1	12,9	0,4	7°	0°	☺	☺
	CCGW120408FS-1	1	4	12,9	0,8	7°	0°	☺	☺

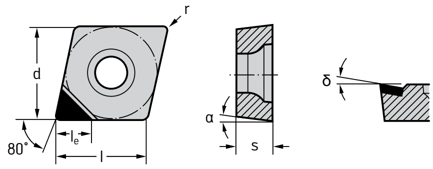
See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: CCGT060202FS-1 WDN10

DP = Polycrystalline diamond

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ● → Poor = ✖ machining conditions

PCD – Positive rhombic 80°

CCGT / CCGW



Indexable inserts

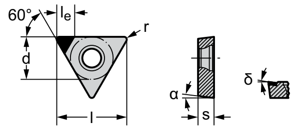
	Designation	Number of cutting edges	le mm	l mm	r mm	α		N DP WDN10	O DP WDN10
	CCGW060204FSL-9	1	6,4	6,45	0,4	7°	0°	☻	☻
	CCGW09T304FSL-9	1	9,7	9,67	0,4	7°	0°	☻	☻
	CCGW09T308FSL-9	1	9,7	9,67	0,8	7°	0°	☻	☻
	CCGW060204FSR-9	1	6,4	6,45	0,4	7°	0°	☻	☻
	CCGW09T304FSR-9	1	9,7	9,67	0,4	7°	0°	☻	☻
	CCGW09T308FSR-9	1	9,7	9,67	0,8	7°	0°	☻	☻

See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: CCGT060202FS-1 WDN10

DP = Polycrystalline diamond

PCD – Positive triangular 60°

TCGW



Indexable inserts

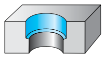
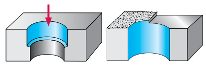
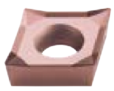
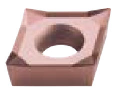
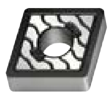
	Designation	Number of cutting edges	le mm	l mm	r mm	α		N DP WDN10	O DP WDN10
	TCGW090204FS-1	1	3,8	9,62	0,4	7°	0°	☻	☻
	TCGW110202FS-1	1	4,4	11	0,2	7°	0°	☻	☻
	TCGW110204FS-1	1	4,3	11	0,4	7°	0°	☻	☻
	TCGW110208FS-1	1	4	11	0,8	7°	0°	☻	☻
	TCGW16T304FS-1	1	4,3	16,5	0,4	7°	0°	☻	☻
	TCGW16T308FS-1	1	4	16,5	0,8	7°	0°	☻	☻
	TCGW090204FS-9	1	9	9,62	0,4	7°	0°	☻	☻
	TCGW110204FS-9	1	10,4	11	0,4	7°	0°	☻	☻
	TCGW16T308FS-9	1	15,3	16,5	0,8	7°	0°	☻	☻

See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: TCGW090204FS-1 WDN10

DP = Polycrystalline diamond

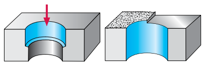
WALTER SELECT Optimum indexable insert for → Good = ☻ → Average = ☻ → Poor = ☻ machining conditions

Walter Capto™ two flute boring tools

Machining			
Diameter range [mm]	20–33	33–153	148–620
			
Designation	B3221	B3220	B5460
Display	analog	analog	analog
Shank			
Walter Capto™	✔	✔	✔
ScrewFit	✔	✔	
NCT			
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●	●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials			
O Other			
Solid carbide boring bar			
Matching insert-types			
Page in catalogue	B 462	B 468	B 476
QR code			
www.walter-tools.com/woc/	B3221	B3220	B5460

WALTER SELECT ●● Primary application ● Other application

Walter Capto™ two flute boring tools

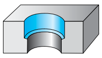
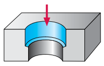
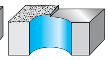
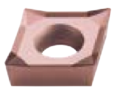
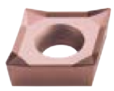
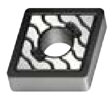
Machining	
Diameter range [mm]	148–620
	
Designation	B5560
Display	analog
Shank	
Walter Capto™	✔
ScrewFit	
NCT	
P Steel	●●
M Stainless steel	●●
K Cast iron	●●
N NF metals	●●
S Materials with difficult cutting properties	●●
H Hard materials	
O Other	
Solid carbide boring bar	
Matching insert-types	
Page in catalogue	B 484
QR code	
www.walter-tools.com/woc/	B5560

B 2

WALTER SELECT

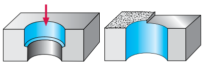
●● Primary application ● Other application

Walter NCT two flute boring tools

Machining			 
Diameter range [mm]	**20–33**	**33–153**	**148–620**
			
Designation	B3221	B3220	B5460
Display	analog	analog	analog
Shank			
Walter Capto™			
ScrewFit			
NCT	✓	✓	✓
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●	●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials			
O Other			
Solid carbide boring bar			
Matching insert-types			
Page in catalogue	B 464	B 470	B 482
QR code			
www.walter-tools.com/woc/	B3221	B3220	B5460

WALTER SELECT ●● Primary application ● Other application

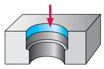
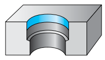
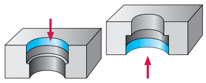
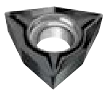
Walter NCT two flute boring tools

Machining	
Diameter range [mm]	**148–620**
	
Designation	B5560
Display	analog
Shank	
Walter Capto™	
ScrewFit	
NCT	✔
P Steel	●●
M Stainless steel	●●
K Cast iron	●●
N NF metals	●●
S Materials with difficult cutting properties	●●
H Hard materials	
O Other	
Solid carbide boring bar	
Matching insert-types	
Page in catalogue	B 486
QR code	
www.walter-tools.com/woc/	B5560

B 2

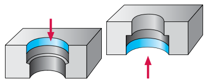
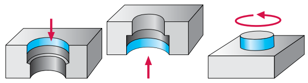
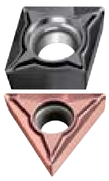
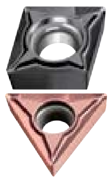
WALTER SELECT ●● **Primary application** ● **Other application**

Walter Capto™/ScrewFit precision boring tools

Machining			
Diameter range [mm]	**1–20**	**3–124**	**19–167**
			
Designation	B5110	B4035	B5115
Display	analog	digital	analog
Shank			
Walter Capto™	✔	✔	✔
ScrewFit	✔		✔
NCT			
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials	●	●	●
O Other	●	●	●
Solid carbide boring bar			
Matching insert-types			
Page in catalogue	B 512	B 506	B 520
QR code			
www.walter-tools.com/woc/	B5110	B4035	B5115

WALTER SELECT ●● Primary application ● Other application

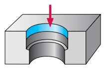
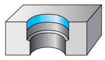
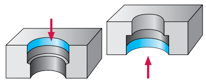
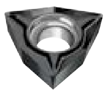
Walter Capto™/ScrewFit precision boring tools

Machining		
Diameter range [mm]	**69–167**	**148–635**
		
Designation	B5125	B5120
Display	analog	analog
Shank		
Walter Capto™	✔	✔
ScrewFit		
NCT		
P Steel	●●	●●
M Stainless steel	●●	●●
K Cast iron	●●	●●
N NF metals	●●	●●
S Materials with difficult cutting properties	●●	●●
H Hard materials	●	●
O Other	●	●
Solid carbide boring bar		
Matching insert-types		
Page in catalogue	B 534	B 542
QR code		
www.walter-tools.com/woc/	B5125	B5120

WALTER SELECT ●● Primary application ● Other application

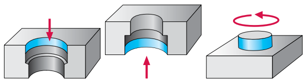
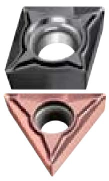
B 2

Walter NCT precision boring tools

Machining			
Diameter range [mm]	**1–20**	**3–124**	**19–167**
			
Designation	B5110	B4035	B5115
Display	analog	digital	analog
Shank			
Walter Capto™			
ScrewFit		✓	
NCT	✓		✓
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials	●	●	●
O Other	●	●	●
Solid carbide boring bar			
Matching insert-types			
Page in catalogue	B 516	B 496	B 530
QR code			
www.walter-tools.com/woc/	B5110	B4035	B5115

WALTER SELECT ●● Primary application ● Other application

Walter NCT precision boring tools

Machining	
Diameter range [mm]	**148–635**
	
Designation	B5120
Display	analog
Shank	
Walter Capto™	
ScrewFit	
NCT	✔
P Steel	●●
M Stainless steel	●●
K Cast iron	●●
N NF metals	●●
S Materials with difficult cutting properties	●●
H Hard materials	●
O Other	●
Solid carbide boring bar	
Matching insert-types	
Page in catalogue	B 550
QR code	
www.walter-tools.com/woc/	B5120

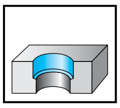
B 2

WALTER SELECT ●● Primary application ● Other application

Double-edged boring tool

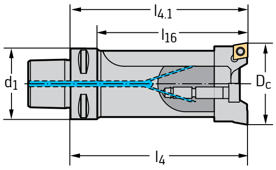
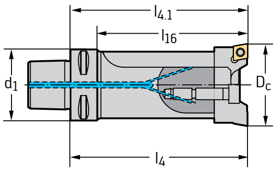
B3220 / B3221 mm

D_c 20–41	κ=90°	Z=2



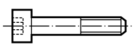
	P	M	K	N	S	H	O
B3220	●●	●●	●●	●	●●		
B3221	●●	●●	●●	●	●●		

Tool

	Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
 Walter Capto™ in acc. with ISO 26623	B3220.C3.033-041.Z2.CC06	33–41	C3	80	80,2	0,4	CC .. 0602 ..
 Walter Capto™ in acc. with ISO 26623	B3221.C3.020-024.Z2.CC06	20–24	C3	80		0,2	CC .. 0602 ..
	B3221.C3.023-027.Z2.CC06	23–27	C3	80		0,2	
	B3221.C3.026-033.Z2.CC06	26–33	C3	80		0,2	

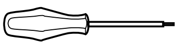
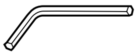
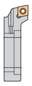
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..
	Conical spring washer for cartridge	FS1099
	Clamping screw for cartridge	FS1094 (SW 4) 7 Nm

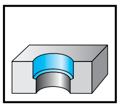
	Basic body	Cartridge
	B3220G.C3.033-044.Z2	EB205-206.CC06
	B3221G.C3.020-027.Z2	EB401.CC06
	B3221G.C3.020-027.Z2	EB402.CC06
	B3221G.C3.026-035.Z2	EB403.CC06

Accessories

	Type	CC .. 0602 ..
	Screwdriver	FS230 (T8)
	ISO 2936-1,3 key	ISO2936-1,3 (SW 1,3)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)
	ARS cartridge	EB205-206-1.CC06 (ARS)

Double-edged boring tool
B3220 / B3221 mm

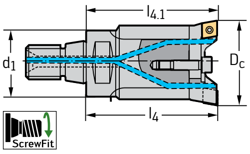
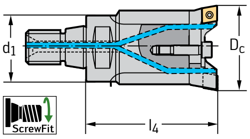
Dc 20–41	κ=90°	Z=2



	P	M	K	N	S	H	O
B3220	●●	●●	●●	●	●●		
B3221	●●	●●	●●	●	●●		

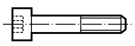
B 2

Tool

	Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
 ScrewFit	B3220.T28.33-41.Z2.CC06	33–41	T28	55	55,2	0,3	CC .. 0602 ..
 ScrewFit	B3221.T18.20-24.Z2.CC06	20–24	T18	35		0,1	CC .. 0602 ..
	B3221.T18.23-27.Z2.CC06	23–27	T18	35		0,1	
	B3221.T22.26-33.Z2.CC06	26–33	T22	40		0,1	

Bodies and assembly parts are included in the scope of delivery

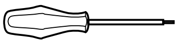
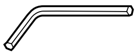
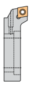
Assembly parts

	Type	CC .. 0602 ..
	Conical spring washer for cartridge	FS1099
	Clamping screw for cartridge	FS1094 (SW 4) 7 Nm

Basic body	Cartridge
B3220G.T28.33-41.Z2	EB205-206.CC06
B3221G.T18.20-27.Z2	EB401.CC06
B3221G.T18.20-27.Z2	EB402.CC06
B3221G.T22.26-33.Z2	EB403.CC06

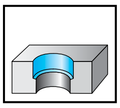
B2

Accessories

	Type	CC .. 0602 ..
	Screwdriver	FS230 (T8)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)
	ARS cartridge	EB205-206-1.CC06 (ARS)

Double-edged boring tool
B3220 / B3221 mm

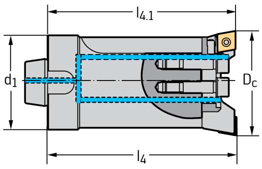
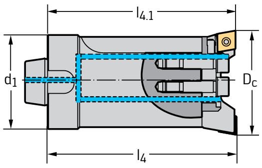
D_c 20–41	κ=90°	Z=2



	P	M	K	N	S	H	O
B3220	●●	●●	●●	●	●●		
B3221	●●	●●	●●	●	●●		

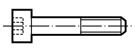
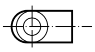
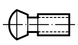
B2

Tool

	Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
 Modular NCT adaptor	B3220.N3.033-041.Z2.CC06	33–41	NCT 32	80	80,2	0,4	CC .. 0602 ..
 Modular NCT adaptor	B3221.N2.020-024.Z2.CC06	20–24	NCT 25	80		0,2	CC .. 0602 ..
	B3221.N2.023-027.Z2.CC06	23–27	NCT 25	80		0,2	
	B3221.N2.026-033.Z2.CC06	26–33	NCT 25	80		0,2	

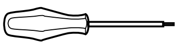
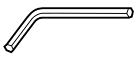
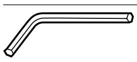
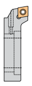
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..
	Conical spring washer for cartridge	FS1099
	Clamping screw for cartridge	FS1094 (SW 4) 7 Nm
	Drive pin	FK312
	Clamping screw for drive pin	FS503 (SW 2)

Basic body	Cartridge
B3220G.N3.033-044.Z2	EB205-206.CC06
B3221G.N2.020-027.Z2	EB401.CC06
B3221G.N2.020-027.Z2	EB402.CC06
B3221G.N2.026-035.Z2	EB403.CC06

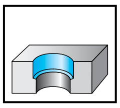
Accessories

	Type	CC .. 0602 ..
	Screwdriver	FS230 (T8)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)
	ARS cartridge	EB205-206-1.CC06 (ARS)

Double-edged boring tool

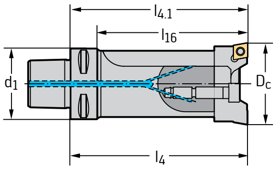
B3220 mm

D_c 41–153	κ=90°	Z=2



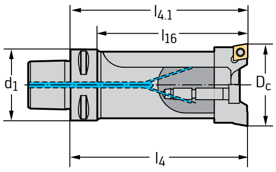
	P	M	K	N	S	H	O
B3220	●●	●●	●●	●	●●		

Tool



Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3220.C4.041-055.Z2.CC09	41–55	C4	80	80,3	0,6	CC .. 09T3 ..
B3220.C5.055-070.Z2.CC09	55–70	C5	100	100,3	1,3	

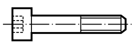


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3220.C6.070-090.Z2.CC12	70–90	C6	110	110,3	2,2	CC .. 1204 ..
B3220.C8.090-110.Z2.CC12	90–110	C8	110	110,3	3,8	
B3220.C8.110-133.Z2.CC12	110–133	C8	110	110,3	4,4	
B3220.C8.130-153.Z2.CC12	130–153	C8	110	110,3	4,4	

Bodies and assembly parts are included in the scope of delivery

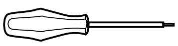
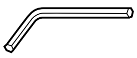
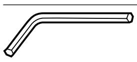
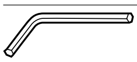
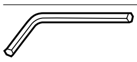
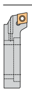
Assembly parts

	Type	CC .. 09T3 ..	CC .. 1204 ..
	Conical spring washer for cartridge	FS1100	FS1101
	Clamping screw for cartridge	FS1095 (SW 4) 12 Nm	FS1096 (SW 6) 30 Nm

	Basic body	Cartridge
	B3220G.C4.041-056.Z2	EB207-208.CC09
	B3220G.C5.055-073.Z2	EB209-210.CC09
	B3220G.C6.070-093.Z2	EB211-212.CC12
	B3220G.C8.090-113.Z2	EB213-214.CC12
	B3220G.C8.110-153.Z2	EB215.CC12
	B3220G.C8.110-153.Z2	EB216.CC12

B 2

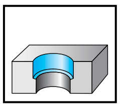
Accessories

	Type	CC .. 09T3 ..	CC .. 1204 ..
	Screwdriver	FS229 (T15)	FS228 (T20)
	ISO 2936-2 key	ISO2936-2 (SW 2,5)	
	ISO 2936-2,5 key		ISO2936-2,5 (SW 2,5)
	ISO 2936-5 key	ISO2936-5 (SW5)	
	ISO 2936-6 key		ISO2936-6 (SW 6)
	ARS cartridge	EB207-208-1.CC09 (ARS)	

Double-edged boring tool

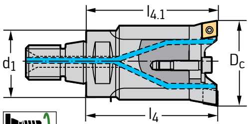
B3220 mm

Dc 41–153	κ=90°	Z=2



	P	M	K	N	S	H	O
B3220	●●	●●	●●	●	●●		

Tool



ScrewFit

Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3220.T36.41-55.Z2.CC09	41–55	T36	65	65,3	0,5	CC .. 09T3 ..
B3220.T45.55-70.Z2.CC09	55–70	T45	80	80,3	0,9	

Bodies and assembly parts are included in the scope of delivery

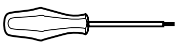
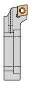
Assembly parts

Type	CC .. 09T3 ..
Conical spring washer for cartridge	FS1100
Clamping screw for cartridge	FS1095 (SW 4) 12 Nm

Basic body	Cartridge
B3220G.T36.41-55.Z2	EB207-208.CC09
B3220G.T45.55-70.Z2	EB209-210.CC09

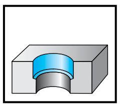
B 2

Accessories

	Type	CC .. 09T3 ..
	Screwdriver	FS229 (T15)
	ISO 2936-2 key	ISO2936-2 (SW 2,5)
	ISO 2936-5 key	ISO2936-5 (SW5)
	ARS cartridge	EB207-208-1.CC09 (ARS)

Double-edged boring tool

B3220 mm

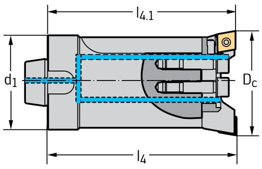
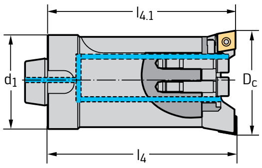


D_c 41–153	κ=90°	Z=2

	P	M	K	N	S	H	O
B3220	●●	●●	●●	●	●●		

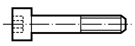
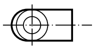
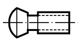
B2

Tool

	Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
 Modular NCT adaptor	B3220.N4.041-055.Z2.CC09	41–55	NCT 40	80	80,3	0,6	CC .. 09T3 ..
	B3220.N5.055-070.Z2.CC09	55–70	NCT 50	100	100,3	1,1	
 Modular NCT adaptor	B3220.N6.070-090.Z2.CC12	70–90	NCT 63	100	100,3	1,8	CC .. 1204 ..
	B3220.N8.090-110.Z2.CC12	90–110	NCT 80	100	100,3	2,9	
	B3220.N8.110-133.Z2.CC12	110–133	NCT 80	100	100,3	3,4	
	B3220.N8.130-153.Z2.CC12	130–153	NCT 80	100	100,3	3,6	

Bodies and assembly parts are included in the scope of delivery

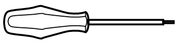
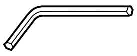
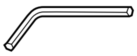
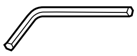
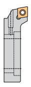
Assembly parts

	Type	CC .. 09T3 ..	CC .. 1204 ..
	Conical spring washer for cartridge	FS1100	FS1101
	Clamping screw for cartridge	FS1095 (SW 4) 12 Nm	FS1096 (SW 6) 30 Nm
	Drive pin	FK313	
	Clamping screw for drive pin	FS504 (SW 2,5)	

	Basic body	Cartridge
	B3220G.N4.041-056.Z2	EB207-208.CC09
	B3220G.N5.055-073.Z2	EB209-210.CC09
	B3220G.N6.070-093.Z2	EB211-212.CC12
	B3220G.N8.090-113.Z2	EB213-214.CC12
	B3220G.N8.110-153.Z2	EB215.CC12
	B3220G.N8.110-153.Z2	EB216.CC12

B 2

Accessories

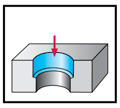
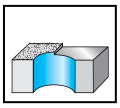
	Type	CC .. 09T3 ..	CC .. 1204 ..
	Screwdriver	FS229 (T15)	FS228 (T20)
	ISO 2936-2 key	ISO2936-2 (SW 2,5)	
	ISO 2936-2,5 key		ISO2936-2,5 (SW 2,5)
	ISO 2936-5 key	ISO2936-5 (SW5)	
	ISO 2936-6 key		ISO2936-6 (SW 6)
	ARS cartridge	EB207-208-1.CC09 (ARS)	

Double-edged boring tool

B5460 mm

Walter Boring XT

– Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
– Basic body/bridge can also be used with B5120

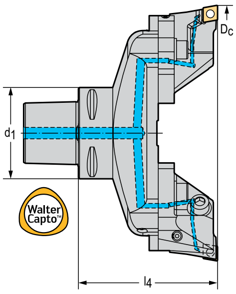
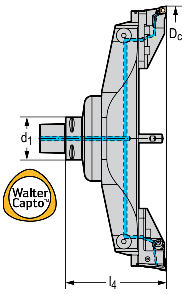



D_c 148–620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5460	●●	●●	●●	●●	●●		

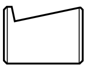
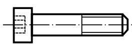
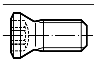
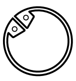
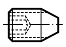
B2

Tool

	Designation	D_c mm	d_1	l_4 mm	kg	Type
	B5460-148-200-C8-CC12	148–200	C8	122	7	CC .. 1204 ..
	B5460-198-250-C8-CC12	198–250	C8	122	8,1	
Walter Capto™ in acc. with ISO 26623	B5460-248-300-C8-CC12	248–300	C8	122	9,2	
	B5460-298-380-C8-CC12	298–380	C8	179	15,5	CC .. 1204 ..
	B5460-378-460-C8-CC12	378–460	C8	184	17,3	
	B5460-458-540-C8-CC12	458–540	C8	189	19,2	
Walter Capto™ in acc. with ISO 26623	B5460-538-620-C8-CC12	538–620	C8	194	21,6	

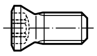
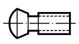
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Wedge set	FK398	FK398	FK398
	Clamping screw	FS2662 (HEX8)	FS2662 (HEX8)	FS2662 (HEX8)
	Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
	Circlip	FS2663	FS2663	FS2663
	Shim	AP197	AP198	AP199
	Washer	FS2647	FS2647	FS2647
	Coolant screw	FS2671	FS2671	FS2671

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-C8-B		EB723	EB725.CC12
	B5120-198-000-C8-B		EB723	EB725.CC12
	B5120-248-000-C8-B		EB723	EB725.CC12
	B5120-298-000-C8-B	EB731	EB724	EB725.CC12
	B5120-298-000-C8-B	EB732	EB724	EB725.CC12
	B5120-298-000-C8-B	EB733	EB724	EB725.CC12
	B5120-298-000-C8-B	EB734	EB724	EB725.CC12

Assembly parts

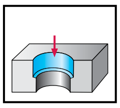
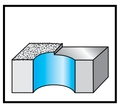
	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Clamping screw for shim	FS2660	FS2661 (20IP) 6,4 Nm	FS2660
	Adjustment set	FS2653	FS2653	FS2653
	Stud	FS2654	FS2654	FS2654
	Disc spring	FS2650	FS2650	FS2650
	RC clamp		FS2659	

Double-edged boring tool

B5460 mm

Walter Boring XT

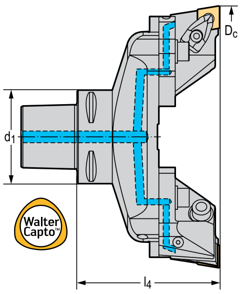
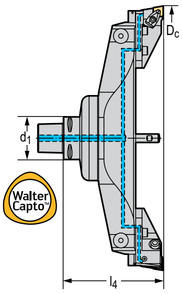
– Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
– Basic body/bridge can also be used with B5120

D_c 148–620	Z=2	κ=90°

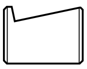
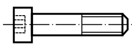
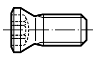
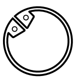
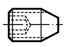
	P	M	K	N	S	H	O
B5460	●●	●●	●●	●●	●●		

Tool

	Designation	D_c mm	d_1	l_4 mm	kg	Type
 Walter Capto™ in acc. with ISO 26623	B5460-148-200-C8-CN19	148–200	C8	122	7,1	CN .. 1906 ..
	B5460-198-250-C8-CN19	198–250	C8	122	8,2	
	B5460-248-300-C8-CN19	248–300	C8	122	9,3	
 Walter Capto™ in acc. with ISO 26623	B5460-298-380-C8-CN19	298–380	C8	179	15,7	CN .. 1906 ..
	B5460-378-460-C8-CN19	378–460	C8	184	17,4	
	B5460-458-540-C8-CN19	458–540	C8	189	19,3	
	B5460-538-620-C8-CN19	538–620	C8	194	21,7	

Bodies and assembly parts are included in the scope of delivery

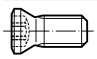
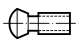
Assembly parts

	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Wedge set	FK398	FK398	FK398
	Clamping screw	FS2662 (HEX8)	FS2662 (HEX8)	FS2662 (HEX8)
	Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
	Circlip	FS2663	FS2663	FS2663
	Shim	AP197	AP198	AP199
	Washer	FS2647	FS2647	FS2647
	Coolant screw	FS2671	FS2671	FS2671


Basic body	Bridge	Slider	Cartridge
B5120-148-000-C8-B		EB723	EB726.CN19
B5120-198-000-C8-B		EB723	EB726.CN19
B5120-248-000-C8-B		EB723	EB726.CN19
B5120-298-000-C8-B	EB731	EB724	EB726.CN19
B5120-298-000-C8-B	EB732	EB724	EB726.CN19
B5120-298-000-C8-B	EB733	EB724	EB726.CN19
B5120-298-000-C8-B	EB734	EB724	EB726.CN19

B2

Assembly parts

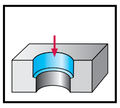
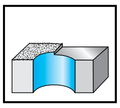
	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Clamping screw for shim	FS2660	FS2661 (20IP) 6,4 Nm	FS2660
	Adjustment set	FS2653	FS2653	FS2653
	Stud	FS2654	FS2654	FS2654
	Disc spring	FS2650	FS2650	FS2650
	RC clamp		FS2659	

Double-edged boring tool

B5460 mm

Walter Boring XT

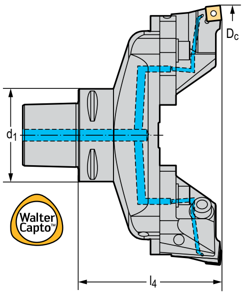
– Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
– Basic body/bridge can also be used with B5120

D_c 148–620	Z=2	κ=90°

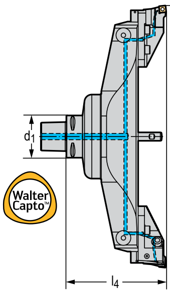
	P	M	K	N	S	H	O
B5460	●●	●●	●●	●●	●●		

Tool



Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5460-148-200-C8-SC12	148–200	C8	122	7	SC .. 1204 ..
B5460-198-250-C8-SC12	198–250	C8	122	8,1	
B5460-248-300-C8-SC12	248–300	C8	122	9,2	

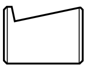
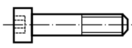
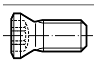
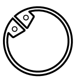
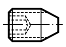


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5460-298-380-C8-SC12	298–380	C8	179	15,6	SC .. 1204 ..
B5460-378-460-C8-SC12	378–460	C8	184	17,3	
B5460-458-540-C8-SC12	458–540	C8	189	19,2	
B5460-538-620-C8-SC12	538–620	C8	189	21,6	

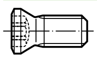
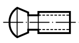
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Wedge set	FK398	FK398	FK398
	Clamping screw	FS2662 (HEX8)	FS2662 (HEX8)	FS2662 (HEX8)
	Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
	Circlip	FS2663	FS2663	FS2663
	Shim	AP197	AP198	AP199
	Washer	FS2647	FS2647	FS2647
	Coolant screw	FS2671	FS2671	FS2671

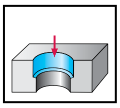
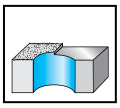

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-C8-B		EB723	EB727.SC12
	B5120-198-000-C8-B		EB723	EB727.SC12
	B5120-248-000-C8-B		EB723	EB727.SC12
	B5120-298-000-C8-B	EB731	EB724	EB727.SC12
	B5120-298-000-C8-B	EB732	EB724	EB727.SC12
	B5120-298-000-C8-B	EB733	EB724	EB727.SC12
	B5120-298-000-C8-B	EB734	EB724	EB727.SC12

Assembly parts

	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Clamping screw for shim	FS2660	FS2661 (20IP) 6,4 Nm	FS2660
	Adjustment set	FS2653	FS2653	FS2653
	Stud	FS2654	FS2654	FS2654
	Disc spring	FS2650	FS2650	FS2650
	RC clamp		FS2659	

Double-edged boring tool
B5460 mm
Walter Boring XT

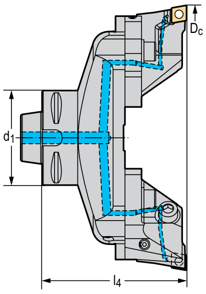
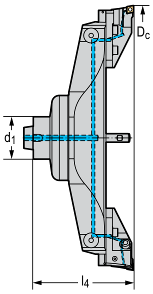
– Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
– Basic body/bridge can also be used with B5120

D_c 148–620	Z=2	κ=90°

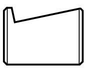
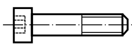
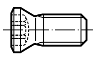
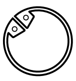
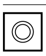
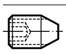
	P	M	K	N	S	H	O
B5460	●●	●●	●●	●●	●●		

Tool

	Designation	D_c mm	d_1	l_4 mm	kg	Type
 Modular NCT adaptor	B5460-148-200-N8-CC12	148–200	NCT 80	122	6,5	CC .. 1204 ..
	B5460-198-250-N8-CC12	198–250	NCT 80	122	7,7	
	B5460-248-300-N8-CC12	248–300	NCT 80	122	8,7	
 Modular NCT adaptor	B5460-298-380-N8-CC12	298–380	NCT 80	179	15	CC .. 1204 ..
	B5460-378-460-N8-CC12	378–460	NCT 80	184	16,8	
	B5460-458-540-N8-CC12	458–540	NCT 80	189	18,7	
	B5460-538-620-N8-CC12	538–620	NCT 80	194	21,1	

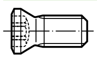
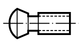
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Wedge set	FK398	FK398	FK398
	Clamping screw	FS2662 (HEX8)	FS2662 (HEX8)	FS2662 (HEX8)
	Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
	Circlip	FS2663	FS2663	FS2663
	Shim	AP197	AP198	AP199
	Washer	FS2647	FS2647	FS2647
	Coolant screw	FS2671	FS2671	FS2671

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-N8-B		EB723	EB725.CC12
	B5120-198-000-N8-B		EB723	EB725.CC12
	B5120-248-000-N8-B		EB723	EB725.CC12
	B5120-298-000-N8-B	EB731	EB724	EB725.CC12
	B5120-298-000-N8-B	EB732	EB724	EB725.CC12
	B5120-298-000-N8-B	EB733	EB724	EB725.CC12
	B5120-298-000-N8-B	EB734	EB724	EB725.CC12

Assembly parts

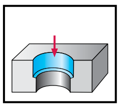
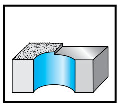
	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Clamping screw for shim	FS2660	FS2661 (20IP) 6,4 Nm	FS2660
	Adjustment set	FS2653	FS2653	FS2653
	Stud	FS2654	FS2654	FS2654
	Disc spring	FS2650	FS2650	FS2650
	RC clamp		FS2659	

Double-edged boring tool

B5460 mm

Walter Boring XT

– Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
– Basic body/bridge can also be used with B5120

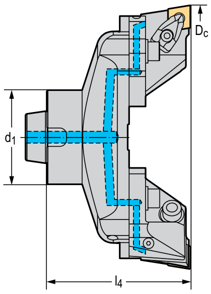
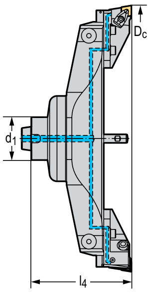



D_c 148–620 | Z=2 | κ=90°

	P	M	K	N	S	H	O
B5460	●●	●●	●●	●●	●●		

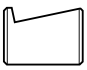
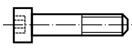
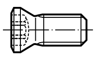
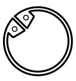
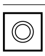
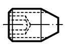
B2

Tool

	Designation	D_c mm	d_1	l_4 mm	kg	Type
 Modular NCT adaptor	B5460-148-200-N8-CN19	148–200	NCT 80	122	6,5	CN .. 1906 ..
	B5460-198-250-N8-CN19	198–250	NCT 80	122	7,7	
	B5460-248-300-N8-CN19	248–300	NCT 80	122	8,8	
 Modular NCT adaptor	B5460-298-380-N8-CN19	298–380	NCT 80	179	15,1	CN .. 1906 ..
	B5460-378-460-N8-CN19	378–460	NCT 80	184	16,8	
	B5460-458-540-N8-CN19	458–540	NCT 80	189	18,8	
	B5460-538-620-N8-CN19	538–620	NCT 80	194	21,2	

Bodies and assembly parts are included in the scope of delivery

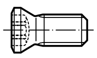
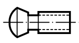
Assembly parts

	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Wedge set	FK398	FK398	FK398
	Clamping screw	FS2662 (HEX8)	FS2662 (HEX8)	FS2662 (HEX8)
	Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
	Circlip	FS2663	FS2663	FS2663
	Shim	AP197	AP198	AP199
	Washer	FS2647	FS2647	FS2647
	Coolant screw	FS2671	FS2671	FS2671

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-N8-B		EB723	EB726.CN19
	B5120-198-000-N8-B		EB723	EB726.CN19
	B5120-248-000-N8-B		EB723	EB726.CN19
	B5120-298-000-N8-B	EB731	EB724	EB726.CN19
	B5120-298-000-N8-B	EB732	EB724	EB726.CN19
	B5120-298-000-N8-B	EB733	EB724	EB726.CN19
	B5120-298-000-N8-B	EB734	EB724	EB726.CN19

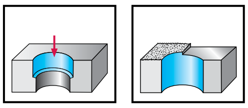
Assembly parts

	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Clamping screw for shim	FS2660	FS2661 (20IP) 6,4 Nm	FS2660
	Adjustment set	FS2653	FS2653	FS2653
	Stud	FS2654	FS2654	FS2654
	Disc spring	FS2650	FS2650	FS2650
	RC clamp		FS2659	

B 2

Double-edged boring tool
B5460 mm
Walter Boring XT

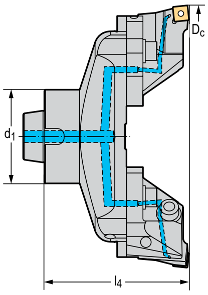
– Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
– Basic body/bridge can also be used with B5120



Dc	Z=2	κ=90°
148–620		

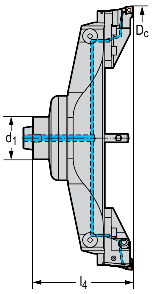
	P	M	K	N	S	H	O
B5460	●●	●●	●●	●●	●●		

Tool



Modular NCT adaptor

Designation	Dc mm	d1	l4 mm	kg	Type
B5460-148-200-N8-SC12	148–200	NCT 80	122	6,5	SC .. 1204 ..
B5460-198-250-N8-SC12	198–250	NCT 80	122	7,5	
B5460-248-300-N8-SC12	248–300	NCT 80	122	8,7	



Modular NCT adaptor

Designation	Dc mm	d1	l4 mm	kg	Type
B5460-298-380-N8-SC12	298–380	NCT 80	179	15	SC .. 1204 ..
B5460-378-460-N8-SC12	378–460	NCT 80	184	16,8	
B5460-458-540-N8-SC12	458–540	NCT 80	189	18,7	
B5460-538-620-N8-SC12	538–620	NCT 80	189	21,1	

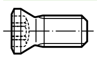
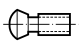
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
Wedge set	FK398	FK398	FK398
Clamping screw	FS2662 (HEX8)	FS2662 (HEX8)	FS2662 (HEX8)
Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
Circlip	FS2663	FS2663	FS2663
Shim	AP197	AP198	AP199
Washer	FS2647	FS2647	FS2647
Coolant screw	FS2671	FS2671	FS2671

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-N8-B		EB723	EB727.SC12
	B5120-198-000-N8-B		EB723	EB727.SC12
	B5120-248-000-N8-B		EB723	EB727.SC12
	B5120-298-000-N8-B	EB731	EB724	EB727.SC12
	B5120-298-000-N8-B	EB732	EB724	EB727.SC12
	B5120-298-000-N8-B	EB733	EB724	EB727.SC12
	B5120-298-000-N8-B	EB734	EB724	EB727.SC12

Assembly parts

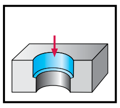
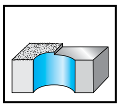
	Type	CC .. 1204 ..	CN .. 1906 ..	SC .. 1204 ..
	Clamping screw for shim	FS2660	FS2661 (20IP) 6,4 Nm	FS2660
	Adjustment set	FS2653	FS2653	FS2653
	Stud	FS2654	FS2654	FS2654
	Disc spring	FS2650	FS2650	FS2650
	RC clamp		FS2659	

Double-edged boring tool

B5560 mm

Walter Boring XT

– Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
– Basic body/bridge can also be used with B5120

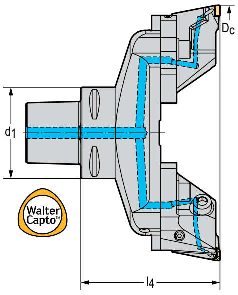
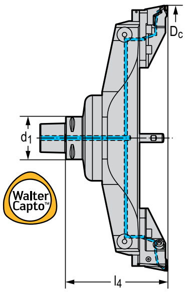



D_c 148–620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5560	●●	●●	●●	●●	●●		

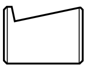
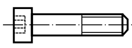
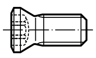
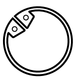
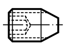
B 2

Tool

	Designation	D_c mm	d_1	l_4 mm	kg	Type
	B5560-148-200-C8-P400	148–200	C8	122	7	P4160-2R ..
	B5560-198-250-C8-P400	198–250	C8	122	8,2	
	B5560-248-300-C8-P400	248–300	C8	122	9,2	
Walter Capto™ in acc. with ISO 26623						
	B5560-298-380-C8-P400	298–380	C8	179	15,5	P4160-2R ..
	B5560-378-460-C8-P400	378–460	C8	184	17,3	
	B5560-458-540-C8-P400	458–540	C8	189	19,2	
	B5560-538-620-C8-P400	538–620	C8	194	21,6	
Walter Capto™ in acc. with ISO 26623						

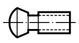
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	P4160-2R ..
	Wedge set	FK398
	Clamping screw	FS2662 (HEX8)
	Clamping screw for indexable insert	FS2079 (T9IP) 2 Nm
	Circlip	FS2663
	Washer	FS2647
	Coolant screw	FS2671

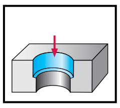
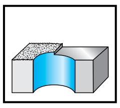
	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-C8-B		EB723	EB728.P400
	B5120-198-000-C8-B		EB723	EB728.P400
	B5120-248-000-C8-B		EB723	EB728.P400
	B5120-298-000-C8-B	EB731	EB724	EB728.P400
	B5120-298-000-C8-B	EB732	EB724	EB728.P400
	B5120-298-000-C8-B	EB733	EB724	EB728.P400
	B5120-298-000-C8-B	EB734	EB724	EB728.P400

Assembly parts

	Type	P4160-2R ..
	Adjustment set	FS2653
	Stud	FS2654
	Disc spring	FS2650

Double-edged boring tool
B5560 mm
Walter Boring XT

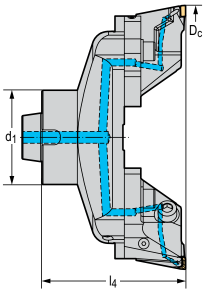
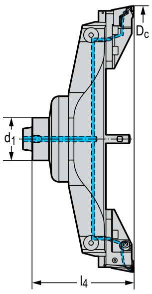
– Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
– Basic body/bridge can also be used with B5120

D_c 148–620	Z=2	κ=90°

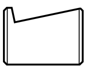
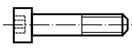
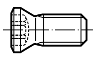
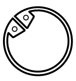
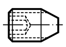
	P	M	K	N	S	H	O
B5560	●●	●●	●●	●●	●●		

Tool

	Designation	D_c mm	d_1	l_4 mm	kg	Type
 Modular NCT adaptor	B5560-148-200-N8-P400	148–200	NCT 80	122	6,5	P4160-2R ..
	B5560-198-250-N8-P400	198–250	NCT 80	122	7,7	
	B5560-248-300-N8-P400	248–300	NCT 80	122	8,8	
 Modular NCT adaptor	B5560-298-380-N8-P400	298–380	NCT 80	179	15	P4160-2R ..
	B5560-378-460-N8-P400	378–460	NCT 80	184	16,8	
	B5560-458-540-N8-P400	458–540	NCT 80	189	18,7	
	B5560-538-620-N8-P400	538–620	NCT 80	194	21,1	

Bodies and assembly parts are included in the scope of delivery

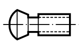
Assembly parts

	Type	P4160-2R ..
	Wedge set	FK398
	Clamping screw	FS2662 (HEX8)
	Clamping screw for indexable insert	FS2079 (T9IP) 2 Nm
	Circlip	FS2663
	Washer	FS2647
	Coolant screw	FS2671


	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-N8-B		EB723	EB728.P400
	B5120-198-000-N8-B		EB723	EB728.P400
	B5120-248-000-N8-B		EB723	EB728.P400
	B5120-298-000-N8-B	EB731	EB724	EB728.P400
	B5120-298-000-N8-B	EB732	EB724	EB728.P400
	B5120-298-000-N8-B	EB733	EB724	EB728.P400
	B5120-298-000-N8-B	EB734	EB724	EB728.P400

B 2

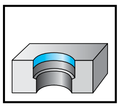
Assembly parts

	Type	P4160-2R ..
	Adjustment set	FS2653
	Stud	FS2654
	Disc spring	FS2650

Precision boring tool

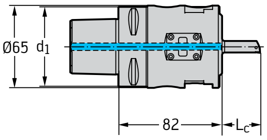
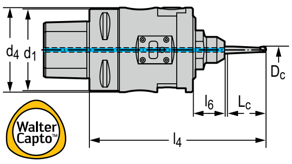
B4035 mm

κ=93° Z=1



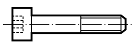
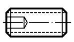
	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

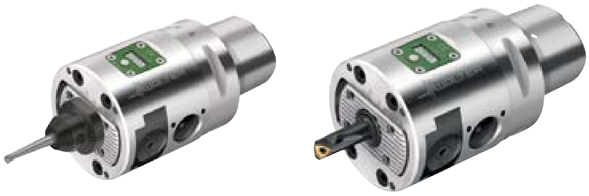
Tool

	Designation	D_c mm	d_1	L_c mm	kg	Type
 Walter Capto™ in acc. with ISO 26623	B4035.C6.10-12.Z1.WC03	10–12	C6	52	2	WC .. 0302 ..
	B4035.C6.10-17.Z1.WC03	10–17	C6	27	2	
	B4035.C6.11-18.Z1.WC03	11–18	C6	27	2	
	B4035.C6.12-14.Z1.WC03	12–14	C6	62	2	
	B4035.C6.12-19.Z1.WC03	12–19	C6	42	2	
	B4035.C6.13-20.Z1.WC03	13–20	C6	42	2	
	B4035.C6.14-16.Z1.WC03	14–16	C6	72	2	
	B4035.C6.14-21.Z1.WC03	14–21	C6	47	2	
	B4035.C6.15-22.Z1.WC03	15–22	C6	47	2	
	B4035.C6.16-18.Z1.WC03	16–18	C6	82	2	
	B4035.C6.16-23.Z1.WC03	16–23	C6	57	2	
	B4035.C6.17-24.Z1.WC03	17–24	C6	57	2	
	B4035.C6.18-20.Z1.WC03	18–20	C6	92	2	
	B4035.C6.18-25.Z1.WC03	18–25	C6	65	2	
	B4035.C6.19-26.Z1.WC03	19–26	C6	65	2	
 Walter Capto™ in acc. with ISO 26623	B4035.C6.03-10.Z1.P15	3–10	C6	10	2	
	B4035.C6.04-11.Z1.P15	4–11	C6	10	2	
	B4035.C6.05-12.Z1.P15.M	5–12	C6	20	2	
	B4035.C6.05-12.Z1.P15.S	5–12	C6	10	2	
	B4035.C6.06-13.Z1.P15.M	6–13	C6	30	2	
	B4035.C6.06-13.Z1.P15.S	6–13	C6	20	2	
	B4035.C6.08-15.Z1.P15.M	8–15	C6	48	2	
	B4035.C6.08-15.Z1.P15.S	8–15	C6	23	2	

Bodies and assembly parts are included in the scope of delivery

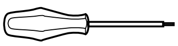
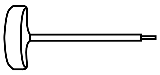
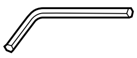
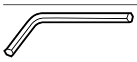
Assembly parts

	Type	WC .. 0302 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123



	Basic body	Intermediate adapter	Boring bar
	B4035G.C6.002-124.Z1		EB637.WC03.CS
	B4035G.C6.002-124.Z1		EB611.WC03
	B4035G.C6.002-124.Z1		EB612.WC03
	B4035G.C6.002-124.Z1		EB638.WC03.CS
	B4035G.C6.002-124.Z1		EB613.WC03
	B4035G.C6.002-124.Z1		EB614.WC03
	B4035G.C6.002-124.Z1		EB639.WC03.CS
	B4035G.C6.002-124.Z1		EB615.WC03
	B4035G.C6.002-124.Z1		EB616.WC03
	B4035G.C6.002-124.Z1		EB640.WC03.CS
	B4035G.C6.002-124.Z1		EB617.WC03
	B4035G.C6.002-124.Z1		EB618.WC03
	B4035G.C6.002-124.Z1		EB641.WC03.CS
	B4035G.C6.002-124.Z1		EB619.WC03
	B4035G.C6.002-124.Z1		EB620.WC03
	B4035G.C6.002-124.Z1	EB601	EB603.WXP15
	B4035G.C6.002-124.Z1	EB601	EB604.WXP15
	B4035G.C6.002-124.Z1	EB601	EB606.WXP15
	B4035G.C6.002-124.Z1	EB601	EB605.WXP15
	B4035G.C6.002-124.Z1	EB601	EB608.WXP15
	B4035G.C6.002-124.Z1	EB601	EB607.WXP15
	B4035G.C6.002-124.Z1	EB601	EB610.WXP15
	B4035G.C6.002-124.Z1	EB601	EB609.WXP15

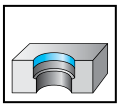
Accessories

	Type	WC .. 0302 ..
	Screwdriver for indexable insert	FS2088 (T7IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)

Precision boring tool

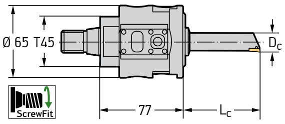
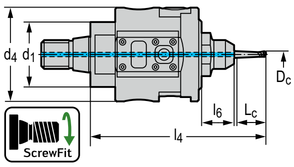
B4035 mm

κ=93° Z=1



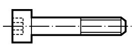
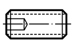
	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1	L_c mm	kg	Type
 ScrewFit	B4035.T45.10-12.Z1.WC03	10–12	T45	52	2	WC .. 0302 ..
	B4035.T45.10-17.Z1.WC03	10–17	T45	27	2	
	B4035.T45.11-18.Z1.WC03	11–18	T45	27	2	
	B4035.T45.12-14.Z1.WC03	12–14	T45	62	2	
	B4035.T45.12-19.Z1.WC03	12–19	T45	42	2	
	B4035.T45.13-20.Z1.WC03	13–20	T45	42	2	
	B4035.T45.14-16.Z1.WC03	14–16	T45	72	2	
	B4035.T45.14-21.Z1.WC03	14–21	T45	47	2	
	B4035.T45.15-22.Z1.WC03	15–22	T45	47	2	
	B4035.T45.16-18.Z1.WC03	16–18	T45	82	2	
	B4035.T45.16-23.Z1.WC03	16–23	T45	57	2	
	B4035.T45.17-24.Z1.WC03	17–24	T45	57	2	
	B4035.T45.18-20.Z1.WC03	18–20	T45	92	2	
	B4035.T45.18-25.Z1.WC03	18–25	T45	65	2	
	B4035.T45.19-26.Z1.WC03	19–26	T45	65	2	
 ScrewFit	B4035.T45.03-10.Z1.P15	3–10	T45	10	2	
	B4035.T45.04-11.Z1.P15	4–11	T45	10	2	
	B4035.T45.05-12.Z1.P15.M	5–12	T45	20	2	
	B4035.T45.05-12.Z1.P15.S	5–12	T45	10	2	
	B4035.T45.06-13.Z1.P15.M	6–13	T45	30	2	
	B4035.T45.06-13.Z1.P15.S	6–13	T45	20	2	
	B4035.T45.08-15.Z1.P15.M	8–15	T45	48	2	
	B4035.T45.08-15.Z1.P15.S	8–15	T45	23	2	

Bodies and assembly parts are included in the scope of delivery

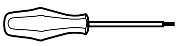
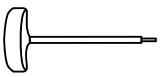
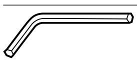
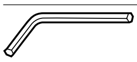
Assembly parts

	Type	WC .. 0302 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

Basic body	Intermediate adapter	Boring bar
B4035G.T45.002-124.Z1		EB637.WC03.CS
B4035G.T45.002-124.Z1		EB611.WC03
B4035G.T45.002-124.Z1		EB612.WC03
B4035G.T45.002-124.Z1		EB638.WC03.CS
B4035G.T45.002-124.Z1		EB613.WC03
B4035G.T45.002-124.Z1		EB614.WC03
B4035G.T45.002-124.Z1		EB639.WC03.CS
B4035G.T45.002-124.Z1		EB615.WC03
B4035G.T45.002-124.Z1		EB616.WC03
B4035G.T45.002-124.Z1		EB640.WC03.CS
B4035G.T45.002-124.Z1		EB617.WC03
B4035G.T45.002-124.Z1		EB618.WC03
B4035G.T45.002-124.Z1		EB641.WC03.CS
B4035G.T45.002-124.Z1		EB619.WC03
B4035G.T45.002-124.Z1		EB620.WC03
B4035G.T45.002-124.Z1	EB601	EB603.WXP15
B4035G.T45.002-124.Z1	EB601	EB604.WXP15
B4035G.T45.002-124.Z1	EB601	EB606.WXP15
B4035G.T45.002-124.Z1	EB601	EB605.WXP15
B4035G.T45.002-124.Z1	EB601	EB608.WXP15
B4035G.T45.002-124.Z1	EB601	EB607.WXP15
B4035G.T45.002-124.Z1	EB601	EB610.WXP15
B4035G.T45.002-124.Z1	EB601	EB609.WXP15

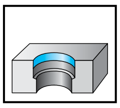
B 2

Accessories

	Type	WC .. 0302 ..
	Screwdriver for indexable insert	FS2088 (T7IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)

Precision boring tool
B4035 inch

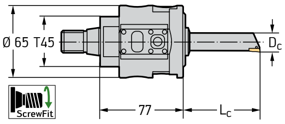
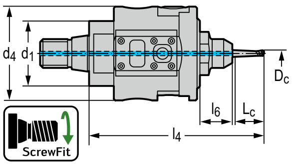
κ=93° Z=1



	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

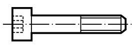
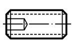
B 2

Tool

	Designation	D_c inch	d_1	L_c inch	lbs	Type
 ScrewFit	B4035.UT45.10-12.Z1.WC03	0,394–0,472	T45	2,047	0,077	WC .. 0302 ..
	B4035.UT45.10-17.Z1.WC03	0,394–0,669	T45	1,063	0,077	
	B4035.UT45.11-18.Z1.WC03	0,433–0,709	T45	1,063	0,077	
	B4035.UT45.12-14.Z1.WC03	0,472–0,551	T45	2,441	0,077	
	B4035.UT45.12-19.Z1.WC03	0,472–0,748	T45	1,654	0,077	
	B4035.UT45.13-20.Z1.WC03	0,512–0,787	T45	1,654	0,077	
	B4035.UT45.14-16.Z1.WC03	0,551–0,630	T45	2,835	0,077	
	B4035.UT45.14-21.Z1.WC03	0,551–0,827	T45	1,85	0,077	
	B4035.UT45.15-22.Z1.WC03	0,591–0,866	T45	1,85	0,077	
	B4035.UT45.16-18.Z1.WC03	0,630–0,709	T45	3,228	0,077	
	B4035.UT45.16-23.Z1.WC03	0,630–0,906	T45	2,244	0,077	
	B4035.UT45.17-24.Z1.WC03	0,669–0,945	T45	2,244	0,077	
	B4035.UT45.18-20.Z1.WC03	0,709–0,787	T45	3,622	0,077	
	B4035.UT45.18-25.Z1.WC03	0,709–0,984	T45	2,559	0,077	
	B4035.UT45.19-26.Z1.WC03	0,748–1,024	T45	2,559	0,077	
 ScrewFit	B4035.UT45.03-10.Z1.P15	0,118–0,394	T45	0,394	0,077	
	B4035.UT45.04-11.Z1.P15	0,157–0,433	T45	0,394	0,077	
	B4035.UT45.05-12.Z1.P15M	0,197–0,472	T45	0,787	0,077	
	B4035.UT45.05-12.Z1.P15S	0,197–0,472	T45	0,394	0,077	
	B4035.UT45.06-13.Z1.P15M	0,236–0,512	T45	1,181	0,077	
	B4035.UT45.06-13.Z1.P15S	0,236–0,512	T45	0,787	0,077	
	B4035.UT45.08-15.Z1.P15M	0,315–0,591	T45	1,890	0,077	
	B4035.UT45.08-15.Z1.P15S	0,315–0,591	T45	0,906	0,077	

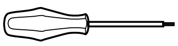
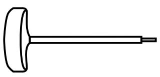
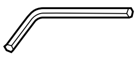
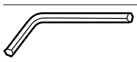
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	WC .. 0302 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123


Basic body	Intermediate adapter	Boring bar
B4035G.UT45.002-124.Z1		EB637.WC03.CS
B4035G.UT45.002-124.Z1		EB611.WC03
B4035G.UT45.002-124.Z1		EB612.WC03
B4035G.UT45.002-124.Z1		EB638.WC03.CS
B4035G.UT45.002-124.Z1		EB613.WC03
B4035G.UT45.002-124.Z1		EB614.WC03
B4035G.UT45.002-124.Z1		EB639.WC03.CS
B4035G.UT45.002-124.Z1		EB615.WC03
B4035G.UT45.002-124.Z1		EB616.WC03
B4035G.UT45.002-124.Z1		EB640.WC03.CS
B4035G.UT45.002-124.Z1		EB617.WC03
B4035G.UT45.002-124.Z1		EB618.WC03
B4035G.UT45.002-124.Z1		EB641.WC03.CS
B4035G.UT45.002-124.Z1		EB619.WC03
B4035G.UT45.002-124.Z1		EB620.WC03
B4035G.C6.002-124.Z1	EB601	EB603.WXP15
B4035G.T45.002-124.Z1	EB601	EB604.WXP15
B4035G.T45.002-124.Z1	EB601	EB606.WXP15
B4035G.T45.002-124.Z1	EB601	EB605.WXP15
B4035G.T45.002-124.Z1	EB601	EB608.WXP15
B4035G.T45.002-124.Z1	EB601	EB607.WXP15
B4035G.T45.002-124.Z1	EB601	EB610.WXP15
B4035G.T45.002-124.Z1	EB601	EB609.WXP15

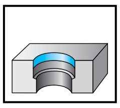
Accessories

	Type	WC .. 0302 ..
	Screwdriver for indexable insert	FS2088 (T7IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)

Precision boring tool

B4035 mm

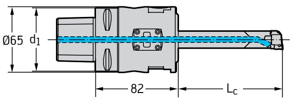
κ=93° Z=1



	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

B 2

Tool

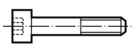
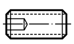


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	L_c mm	kg	Type
B4035.C6.20-24.Z1.WC04.M	20–24	C6	117	2	WC .. 0402 ..
B4035.C6.20-24.Z1.WC04.S	20–24	C6	77	2	
B4035.C6.22-26.Z1.WC04.M	22–26	C6	117	2	
B4035.C6.22-26.Z1.WC04.S	22–26	C6	77	2	
B4035.C6.24-28.Z1.WC04.M	24–28	C6	117	2	
B4035.C6.24-28.Z1.WC04.S	24–28	C6	77	2	
B4035.C6.26-30.Z1.WC04.M	26–30	C6	117	2	
B4035.C6.26-30.Z1.WC04.S	26–30	C6	77	2	
B4035.C6.28-32.Z1.WC04.M	28–32	C6	117	2	
B4035.C6.28-32.Z1.WC04.S	28–32	C6	77	2	
B4035.C6.30-34.Z1.WC04.M	30–34	C6	117	2	
B4035.C6.30-34.Z1.WC04.S	30–34	C6	77	2	
B4035.C6.32-41.Z1.WC04	32–41	C6	63	2	
B4035.C6.41-50.Z1.WC04	41–50	C6	99	2	
B4035.C6.50-59.Z1.WC04	50–59	C6	72	2	
B4035.C6.59-68.Z1.WC04	59–68	C6	117	2	

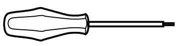
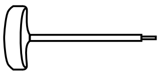
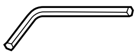
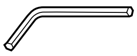
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

	Basic body	Extension	Cartridge
	B4035G.C6.002-124.Z1	EB643.CS	EB644.WC04
	B4035G.C6.002-124.Z1	EB642	EB644.WC04
	B4035G.C6.002-124.Z1	EB643.CS	EB645.WC04
	B4035G.C6.002-124.Z1	EB642	EB645.WC04
	B4035G.C6.002-124.Z1	EB643.CS	EB621.WC04
	B4035G.C6.002-124.Z1	EB642	EB621.WC04
	B4035G.C6.002-124.Z1	EB643.CS	EB622.WC04
	B4035G.C6.002-124.Z1	EB642	EB622.WC04
	B4035G.C6.002-124.Z1	EB643.CS	EB623.WC04
	B4035G.C6.002-124.Z1	EB642	EB623.WC04
	B4035G.C6.002-124.Z1	EB643.CS	EB624.WC04
	B4035G.C6.002-124.Z1	EB642	EB624.WC04
	B4035G.C6.002-124.Z1	EB625	EB629.WC04
	B4035G.C6.002-124.Z1	EB626	EB630.WC04
	B4035G.C6.002-124.Z1	EB627	EB629.WC04
	B4035G.C6.002-124.Z1	EB628	EB630.WC04

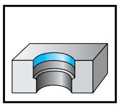
Accessories

	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)

Precision boring tool

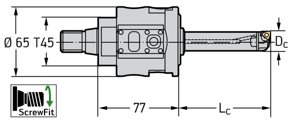
B4035 mm

κ=93° Z=1



	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

Tool

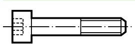
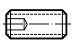


ScrewFit

Designation	D_c mm	d_1	L_c mm	kg	Type
B4035.T45.20-24.Z1.WC04M	20–24	T45	117	2	WC .. 0402 ..
B4035.T45.20-24.Z1.WC04S	20–24	T45	77	2	
B4035.T45.22-26.Z1.WC04M	22–26	T45	117	2	
B4035.T45.22-26.Z1.WC04S	22–26	T45	77	2	
B4035.T45.24-28.Z1.WC04M	24–28	T45	117	2	
B4035.T45.24-28.Z1.WC04S	24–28	T45	77	2	
B4035.T45.26-30.Z1.WC04M	26–30	T45	117	2	
B4035.T45.26-30.Z1.WC04S	26–30	T45	77	2	
B4035.T45.28-32.Z1.WC04M	28–32	T45	117	2	
B4035.T45.28-32.Z1.WC04S	28–32	T45	77	2	
B4035.T45.30-34.Z1.WC04M	30–34	T45	117	2	
B4035.T45.30-34.Z1.WC04S	30–34	T45	77	2	
B4035.T45.32-41.Z1.WC04	32–41	T45	63	2	
B4035.T45.41-50.Z1.WC04	41–50	T45	99	2	
B4035.T45.50-59.Z1.WC04	50–59	T45	72	2	
B4035.T45.59-68.Z1.WC04	59–68	T45	117	2	

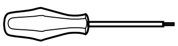
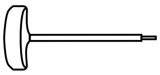
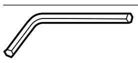
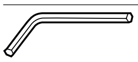
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

	Basic body	Extension	Cartridge
	B4035G.T45.002-124.Z1	EB643.CS	EB644.WC04
	B4035G.T45.002-124.Z1	EB642	EB644.WC04
	B4035G.T45.002-124.Z1	EB643.CS	EB645.WC04
	B4035G.T45.002-124.Z1	EB642	EB645.WC04
	B4035G.T45.002-124.Z1	EB643.CS	EB621.WC04
	B4035G.T45.002-124.Z1	EB642	EB621.WC04
	B4035G.T45.002-124.Z1	EB643.CS	EB622.WC04
	B4035G.T45.002-124.Z1	EB642	EB622.WC04
	B4035G.T45.002-124.Z1	EB643.CS	EB623.WC04
	B4035G.T45.002-124.Z1	EB642	EB623.WC04
	B4035G.T45.002-124.Z1	EB643.CS	EB624.WC04
	B4035G.T45.002-124.Z1	EB642	EB624.WC04
	B4035G.T45.002-124.Z1	EB625	EB629.WC04
	B4035G.T45.002-124.Z1	EB626	EB630.WC04
	B4035G.T45.002-124.Z1	EB627	EB629.WC04
	B4035G.T45.002-124.Z1	EB628	EB630.WC04

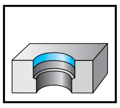
Accessories

	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)

Precision boring tool

B4035 inch

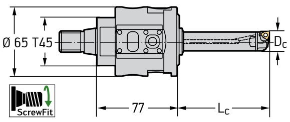
κ=93° Z=1



	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

B2

Tool

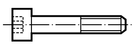
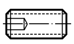


ScrewFit

Designation	Dc inch	d_1	Lc inch	lbs	Type
B4035.UT45.20-24.Z1WC04M	0,787–0,945	T45	4,606	0,077	WC .. 0402 ..
B4035.UT45.20-24.Z1WC04S	0,787–0,945	T45	3,031	0,077	
B4035.UT45.22-26.Z1WC04M	0,866–1,024	T45	4,606	0,077	
B4035.UT45.22-26.Z1WC04S	0,866–1,024	T45	3,031	0,077	
B4035.UT45.24-28.Z1WC04M	0,945–1,102	T45	4,606	0,077	
B4035.UT45.24-28.Z1WC04S	0,945–1,102	T45	3,031	0,077	
B4035.UT45.26-30.Z1WC04M	1,024–1,181	T45	4,606	0,077	
B4035.UT45.26-30.Z1WC04S	1,024–1,181	T45	3,031	0,077	
B4035.UT45.28-32.Z1WC04M	1,102–1,260	T45	4,606	0,077	
B4035.UT45.28-32.Z1WC04S	1,102–1,260	T45	3,031	0,077	
B4035.UT45.30-34.Z1WC04M	1,181–1,339	T45	4,606	0,077	
B4035.UT45.30-34.Z1WC04S	1,181–1,339	T45	3,031	0,077	
B4035.UT45.32-41.Z1.WC04	1,260–1,614	T45	2,48	0,077	
B4035.UT45.41-50.Z1.WC04	1,614–1,969	T45	3,898	0,077	
B4035.UT45.50-59.Z1.WC04	1,969–2,323	T45	2,835	0,077	
B4035.UT45.59-68.Z1.WC04	2,323–2,677	T45	4,606	0,077	

Bodies and assembly parts are included in the scope of delivery

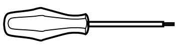
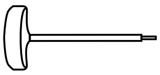
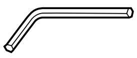
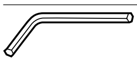
Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

Basic body	Extension	Cartridge
B4035G.UT45.002-124.Z1	EB643.CS	EB644.WC04
B4035G.UT45.002-124.Z1	EB642	EB644.WC04
B4035G.UT45.002-124.Z1	EB643.CS	EB645.WC04
B4035G.UT45.002-124.Z1	EB642	EB645.WC04
B4035G.UT45.002-124.Z1	EB643.CS	EB621.WC04
B4035G.UT45.002-124.Z1	EB642	EB621.WC04
B4035G.UT45.002-124.Z1	EB643.CS	EB622.WC04
B4035G.UT45.002-124.Z1	EB642	EB622.WC04
B4035G.UT45.002-124.Z1	EB643.CS	EB623.WC04
B4035G.UT45.002-124.Z1	EB642	EB623.WC04
B4035G.UT45.002-124.Z1	EB643.CS	EB624.WC04
B4035G.UT45.002-124.Z1	EB642	EB624.WC04
B4035G.UT45.002-124.Z1	EB625	EB629.WC04
B4035G.UT45.002-124.Z1	EB626	EB630.WC04
B4035G.UT45.002-124.Z1	EB627	EB629.WC04
B4035G.UT45.002-124.Z1	EB628	EB630.WC04

B 2

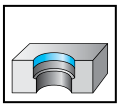
Accessories

	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)

Precision boring tool

B4035 mm

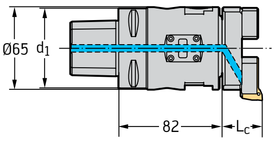
κ=93° Z=1



	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

B 2

Tool

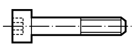
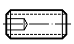


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	L_c mm	kg	Type
B4035.C6.68-96.Z1.WC04	68–96	C6		2	WC .. 0402 ..
B4035.C6.96-124.Z1.WC04	96–124	C6		2	

Bodies and assembly parts are included in the scope of delivery

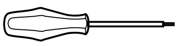
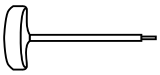
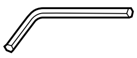
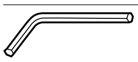
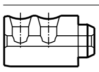
Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

	Basic body	Bridge	Counterweight	Cartridge
	B4035G.C6.002-124.Z1	EB631	EB635	EB634.WC04
	B4035G.C6.002-124.Z1	EB632	EB635	EB634.WC04

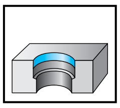
B 2

Accessories

	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)
	Coolant transfer for bridge	EB636

Precision boring tool

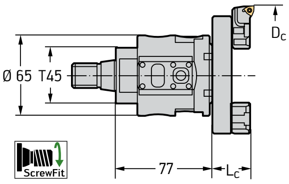
B4035 mm



κ=93° | Z=1

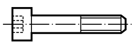
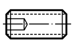
	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1	L_c mm	kg	Type
	B4035.T45.68-96.Z1.WC04	68–96	T45		2	WC .. 0402 ..
	B4035.T45.96-124.Z1.WC04	96–124	T45		2	
ScrewFit						

Bodies and assembly parts are included in the scope of delivery

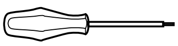
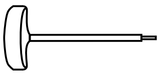
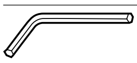
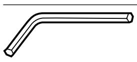
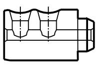
Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

	Basic body	Bridge	Counterweight	Cartridge
	B4035G.T45.002-124.Z1	EB631	EB635	EB634.WC04
	B4035G.T45.002-124.Z1	EB632	EB635	EB634.WC04

B 2

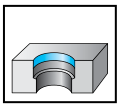
Accessories

	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)
	Coolant transfer for bridge	EB636

Precision boring tool

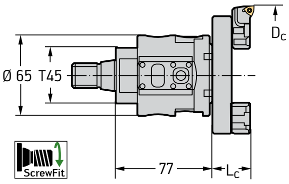
B4035 inch

κ=93° | Z=1



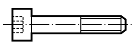
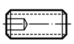
	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

B2

Tool	Designation	D_c inch	d_1	L_c inch	lbs	Type
 ScrewFit	B4035.UT45.68-96.Z1.WC04	2,677–3,780	T45		0,077	WC .. 0402 ..
	B4035.UT45.96-124.Z1WC04	3,780–4,882	T45		0,077	

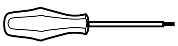
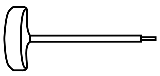
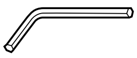
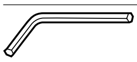
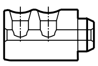
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

	Basic body	Bridge	Counterweight	Cartridge
	B4035G.UT45.002-124.Z1	EB631	EB635	EB634.WC04
	B4035G.UT45.002-124.Z1	EB632	EB635	EB634.WC04

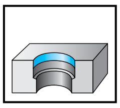
Accessories

	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)
	Coolant transfer for bridge	EB636

Precision boring tool

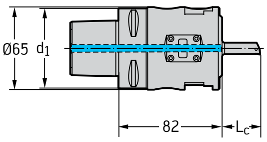
B4035 inch

κ=93° | Z=1

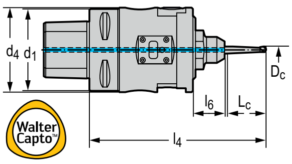


	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

Tool



Walter Capto™ in acc. with ISO 26623

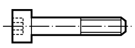
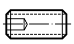


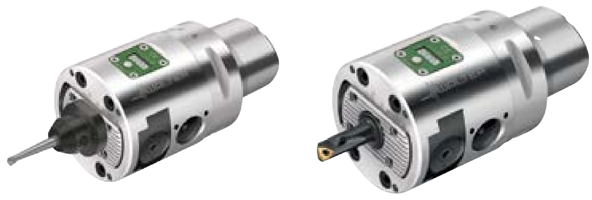
Walter Capto™ in acc. with ISO 26623

Designation	D_c inch	d_1	L_c inch	lbs	Type
B4035.UC6.10-12.Z1.WC03	0,394–0,472	C6	2,047	0,077	WC .. 0302 ..
B4035.UC6.10-17.Z1.WC03	0,394–0,669	C6	1,063	0,077	
B4035.UC6.11-18.Z1.WC03	0,433–0,709	C6	1,063	0,077	
B4035.UC6.12-14.Z1.WC03	0,472–0,551	C6	2,441	0,077	
B4035.UC6.12-19.Z1.WC03	0,472–0,748	C6	1,654	0,077	
B4035.UC6.13-20.Z1.WC03	0,512–0,787	C6	1,654	0,077	
B4035.UC6.14-16.Z1.WC03	0,551–0,630	C6	2,835	0,077	
B4035.UC6.14-21.Z1.WC03	0,551–0,827	C6	1,85	0,077	
B4035.UC6.15-22.Z1.WC03	0,591–0,866	C6	1,85	0,077	
B4035.UC6.16-18.Z1.WC03	0,630–0,709	C6	3,228	0,077	
B4035.UC6.16-23.Z1.WC03	0,630–0,906	C6	2,244	0,077	
B4035.UC6.17-24.Z1.WC03	0,669–0,945	C6	2,244	0,077	
B4035.UC6.18-20.Z1.WC03	0,709–0,787	C6	3,622	0,077	
B4035.UC6.18-25.Z1.WC03	0,709–0,984	C6	2,559	0,077	
B4035.UC6.19-26.Z1.WC03	0,748–1,024	C6	2,559	0,077	
B4035.UC6.03-10.Z1.P15	0,118–0,394	C6	0,394	0,077	
B4035.UC6.04-11.Z1.P15	0,157–0,433	C6	0,394	0,077	
B4035.UC6.05-12.Z1.P15.M	0,197–0,472	C6	0,787	0,077	
B4035.UC6.05-12.Z1.P15.S	0,197–0,472	C6	0,394	0,077	
B4035.UC6.06-13.Z1.P15.M	0,236–0,512	C6	1,181	0,077	
B4035.UC6.06-13.Z1.P15.S	0,236–0,512	C6	0,787	0,077	
B4035.UC6.08-15.Z1.P15.M	0,315–0,591	C6	1,890	0,077	
B4035.UC6.08-15.Z1.P15.S	0,315–0,591	C6	0,906	0,077	

Bodies and assembly parts are included in the scope of delivery

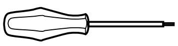
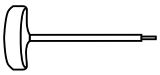
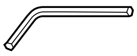
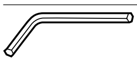
Assembly parts

	Type	WC .. 0302 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123



Basic body	Intermediate adapter	Boring bar
B4035G.UC6.002-124.Z1		EB637.WC03.CS
B4035G.UC6.002-124.Z1		EB611.WC03
B4035G.UC6.002-124.Z1		EB612.WC03
B4035G.UC6.002-124.Z1		EB638.WC03.CS
B4035G.UC6.002-124.Z1		EB613.WC03
B4035G.UC6.002-124.Z1		EB614.WC03
B4035G.UC6.002-124.Z1		EB639.WC03.CS
B4035G.UC6.002-124.Z1		EB615.WC03
B4035G.UC6.002-124.Z1		EB616.WC03
B4035G.UC6.002-124.Z1		EB640.WC03.CS
B4035G.UC6.002-124.Z1		EB617.WC03
B4035G.UC6.002-124.Z1		EB618.WC03
B4035G.UC6.002-124.Z1		EB641.WC03.CS
B4035G.UC6.002-124.Z1		EB619.WC03
B4035G.UC6.002-124.Z1		EB620.WC03
B4035G.UC6.002-124.Z1	EB601	EB603.WXP15
B4035G.UC6.002-124.Z1	EB601	EB604.WXP15
B4035G.UC6.002-124.Z1	EB601	EB606.WXP15
B4035G.UC6.002-124.Z1	EB601	EB605.WXP15
B4035G.UC6.002-124.Z1	EB601	EB608.WXP15
B4035G.UC6.002-124.Z1	EB601	EB607.WXP15
B4035G.UC6.002-124.Z1	EB601	EB610.WXP15
B4035G.UC6.002-124.Z1	EB601	EB609.WXP15

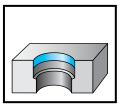
Accessories

	Type	WC .. 0302 ..
	Screwdriver for indexable insert	FS2088 (T7IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)

Precision boring tool

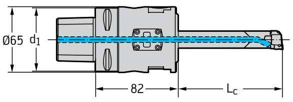
B4035 inch

κ=93° | Z=1



	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

Tool

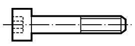
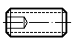


Walter Capto™ in acc. with ISO 26623

Designation	D_c inch	d_1	L_c inch	lbs	Type
B4035.UC6.20-24.Z1.WC04M	0,787–0,945	C6	4,606	0,077	WC .. 0402 ..
B4035.UC6.20-24.Z1.WC04S	0,787–0,945	C6	3,031	0,077	
B4035.UC6.22-26.Z1.WC04M	0,866–1,024	C6	4,606	0,077	
B4035.UC6.22-26.Z1.WC04S	0,866–1,024	C6	3,031	0,077	
B4035.UC6.24-28.Z1.WC04M	0,945–1,102	C6	4,606	0,077	
B4035.UC6.24-28.Z1.WC04S	0,945–1,102	C6	3,031	0,077	
B4035.UC6.26-30.Z1.WC04M	1,024–1,181	C6	4,606	0,077	
B4035.UC6.26-30.Z1.WC04S	1,024–1,181	C6	3,031	0,077	
B4035.UC6.28-32.Z1.WC04M	1,102–1,260	C6	4,606	0,077	
B4035.UC6.28-32.Z1.WC04S	1,102–1,260	C6	3,031	0,077	
B4035.UC6.30-34.Z1.WC04M	1,181–1,339	C6	4,606	0,077	
B4035.UC6.30-34.Z1.WC04S	1,181–1,339	C6	3,031	0,077	
B4035.UC6.32-41.Z1.WC04	1,260–1,614	C6	2,48	0,077	
B4035.UC6.41-50.Z1.WC04	1,614–1,969	C6	3,898	0,077	
B4035.UC6.50-59.Z1.WC04	1,969–2,323	C6	2,835	0,077	
B4035.UC6.59-68.Z1.WC04	2,323–2,677	C6	4,606	0,077	

Bodies and assembly parts are included in the scope of delivery

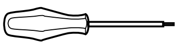
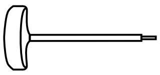
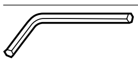
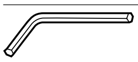
Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

B 2

Basic body	Extension	Cartridge
B4035G.UC6.002-124.Z1	EB643.CS	EB644.WC04
B4035G.UC6.002-124.Z1	EB642	EB644.WC04
B4035G.UC6.002-124.Z1	EB643.CS	EB645.WC04
B4035G.UC6.002-124.Z1	EB642	EB645.WC04
B4035G.UC6.002-124.Z1	EB643.CS	EB621.WC04
B4035G.UC6.002-124.Z1	EB642	EB621.WC04
B4035G.UC6.002-124.Z1	EB643.CS	EB622.WC04
B4035G.UC6.002-124.Z1	EB642	EB622.WC04
B4035G.UC6.002-124.Z1	EB643.CS	EB623.WC04
B4035G.UC6.002-124.Z1	EB642	EB623.WC04
B4035G.UC6.002-124.Z1	EB643.CS	EB624.WC04
B4035G.UC6.002-124.Z1	EB642	EB624.WC04
B4035G.UC6.002-124.Z1	EB625	EB629.WC04
B4035G.UC6.002-124.Z1	EB626	EB630.WC04
B4035G.UC6.002-124.Z1	EB627	EB629.WC04
B4035G.UC6.002-124.Z1	EB628	EB630.WC04

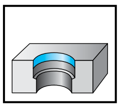
Accessories

	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)

Precision boring tool

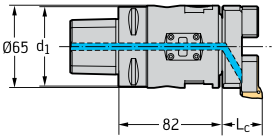
B4035 inch

κ=93° Z=1



	P	M	K	N	S	H	O
B4035	●●	●●	●●	●●	●●	●	●

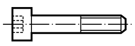
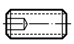
Tool

	Designation	D_c inch	d_1	L_c inch	lbs	Type
	B4035.UC6.68-96.Z1.WC04	2,677–3,780	C6		0,077	WC .. 0402 ..
	B4035.UC6.96-124.Z1.WC04	3,780–4,882	C6		0,077	

Walter Capto™ in acc. with ISO 26623

Bodies and assembly parts are included in the scope of delivery

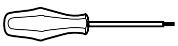
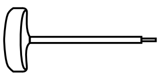
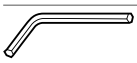
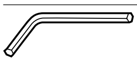
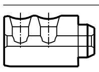
Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123

	Basic body	Bridge	Counterweight	Cartridge
	B4035G.UC6.002-124.Z1	EB631	EB635	EB634.WC04
	B4035G.UC6.002-124.Z1	EB632	EB635	EB634.WC04

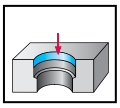
B 2

Accessories

	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)
	Coolant transfer for bridge	EB636

Precision boring tool
B5110 mm
Walter Precision XT

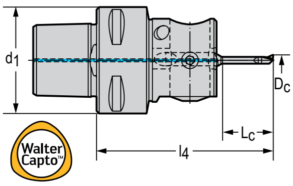
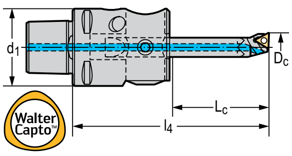
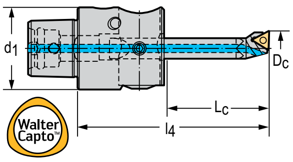
D_c 1–20 | κ=92° | Z=1



	P	M	K	N	S	H	O
B5110	●●	●●	●●	●●	●●	●	●

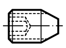
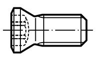
B 2

Tool

Tool	Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
	B5110-001-003-C3-CS	1–3	C3	6	48	0,2	
	B5110-0017-0037-C3-CS	1,7–3,7	C3	9	48	0,2	
	B5110-0022-0042-C3-CS	2,2–4,2	C3	13	53	0,2	
	B5110-0027-0047-C3-CS	2,7–4,7	C3	15	53	0,2	
	B5110-0032-0052-C3-CS	3,2–5,2	C3	20	58	0,2	
	B5110-0042-0062-C3-CS	4,2–6,2	C3	20	58	0,6	
Walter Capto™ in acc. with ISO 26623	B5110-0062-0082-C3-CS	6,2–8,2	C3	30	68	0,2	
	B5110-008-010-C3-TC06	8–10	C3	30	67	0,2	TC .. 06T1 ..
	B5110-010-012-C3-TC06	10–12	C3	40	81	0,3	
Walter Capto™ in acc. with ISO 26623	B5110-012-014-C3-TC06	12–14	C3	40	81	0,3	
	B5110-014-017-C4-TC09	14–17	C4	50	93	0,5	TC .. 0902 ..
Walter Capto™ in acc. with ISO 26623	B5110-017-020-C4-TC09	17–20	C4	50	93	0,5	

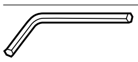
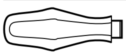
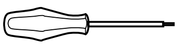
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	TC .. 06T1 ..	TC .. 0902 ..
	Clamping screw	FS2623	FS2625
	Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm

	Basic body	Boring bar
	B5110-001-006-C3-B	EB701.WKP21
	B5110-001-006-C3-B	EB702.WKP21
	B5110-001-006-C3-B	EB703.WKP21
	B5110-001-006-C3-B	EB704.WKP21
	B5110-001-006-C3-B	EB705.WKP21
	B5110-001-006-C3-B	EB706.WKP21
	B5110-006-010-C3-B	EB707.WKP21
	B5110-006-010-C3-B	EB708.TC06
	B5110-010-014-C3-B	EB709.TC06
	B5110-010-014-C3-B	EB710.TC06
	B5110-014-020-C4-B	EB711.TC09
	B5110-014-020-C4-B	EB712.TC09

Accessories

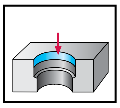
	Type	TC .. 06T1 ..	TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key		ISO2936-3 (SW 3,5)
	Torque screwdriver, analogue	FS2001	FS2001
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Precision boring tool

B5110 mm

Walter Precision XT

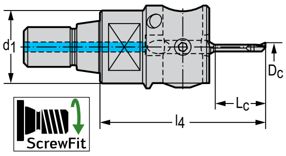
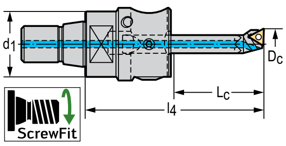
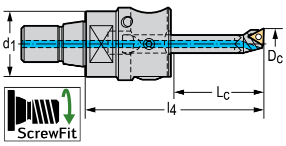
D_c 1–20 | κ=92° | Z=1



	P	M	K	N	S	H	O
B5110	●●	●●	●●	●●	●●	●	●

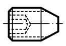
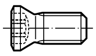
B 2

Tool

	Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
 ScrewFit	B5110-001-003-T22-CS	1–3	T22	6	45	0,1	
	B5110-0017-0037-T22-CS	1,7–3,7	T22	9	45	0,1	
	B5110-0022-0042-T22-CS	2,2–4,2	T22	13	50	0,1	
	B5110-0027-0047-T22-CS	2,7–4,7	T22	15	50	0,1	
	B5110-0032-0052-T22-CS	3,2–5,2	T22	20	55	0,1	
	B5110-0042-0062-T22-CS	4,2–6,2	T22	20	55	0,1	
	B5110-0062-0082-T22-CS	6,2–8,2	T22	30	70	0,2	
 ScrewFit	B5110-008-010-T22-TC06	8–10	T22	30	69	0,2	TC .. 06T1 ..
	B5110-010-012-T28-TC06	10–12	T28	40	86	0,3	
	B5110-012-014-T28-TC06	12–14	T28	40	86	0,3	
 ScrewFit	B5110-014-017-T36-TC09	14–17	T36	50	98	0,6	TC .. 0902 ..
	B5110-017-020-T36-TC09	17–20	T36	50	98	0,6	

Bodies and assembly parts are included in the scope of delivery

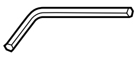
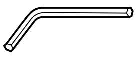
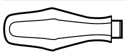
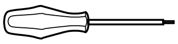
Assembly parts

	Type	TC .. 06T1 ..	TC .. 0902 ..
	Clamping screw	FS2623	FS2625
	Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm

	Basic body	Boring bar
	B5110-001-006-T22-B	EB701.WKP21
	B5110-001-006-T22-B	EB702.WKP21
	B5110-001-006-T22-B	EB703.WKP21
	B5110-001-006-T22-B	EB704.WKP21
	B5110-001-006-T22-B	EB705.WKP21
	B5110-001-006-T22-B	EB706.WKP21
	B5110-006-010-T22-B	EB707.WKP21
	B5110-006-010-T22-B	EB708.TC06
	B5110-010-014-T28-B	EB709.TC06
	B5110-010-014-T28-B	EB710.TC06
	B5110-014-020-T36-B	EB711.TC09
	B5110-014-020-T36-B	EB712.TC09

B 2

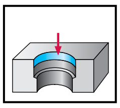
Accessories

	Type	TC .. 06T1 ..	TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key		ISO2936-3 (SW 3,5)
	Torque screwdriver, analogue	FS2001	FS2001
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Precision boring tool

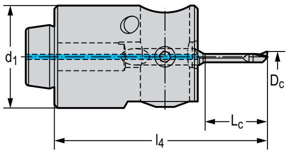
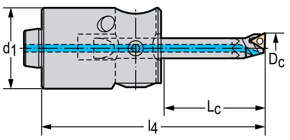
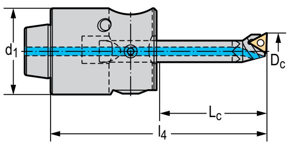
B5110 mm

Walter Precision XT

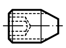
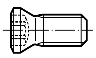


D_c 1–20	κ=92°	Z=1

	P	M	K	N	S	H	O
B5110	●●	●●	●●	●●	●●	●	●

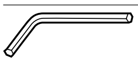
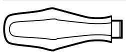
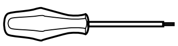
Tool	Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
 Modular NCT adaptor	B5110-001-003-N2-CS	1–3	NCT 25	6	47	0,1	
	B5110-0017-0037-N2-CS	1,7–3,7	NCT 25	9	47	0,1	
	B5110-0022-0042-N2-CS	2,2–4,2	NCT 25	13	52	0,1	
	B5110-0027-0047-N2-CS	2,7–4,7	NCT 25	15	52	0,1	
	B5110-0032-0052-N2-CS	3,2–5,2	NCT 25	20	57	0,1	
	B5110-0042-0062-N2-CS	4,2–6,2	NCT 25	20	57	0,1	
	B5110-0062-0082-N2-CS	6,2–8,2	NCT 25	30	72	0,2	
 Modular NCT adaptor	B5110-008-010-N2-TC06	8–10	NCT 25	30	71	0,2	TC .. 06T1 ..
	B5110-010-012-N3-TC06	10–12	NCT 32	40	88	0,3	
	B5110-012-014-N3-TC06	12–14	NCT 32	40	88	0,3	
 Modular NCT adaptor	B5110-014-017-N4-TC09	14–17	NCT 40	50	100	0,5	TC .. 0902 ..
	B5110-017-020-N4-TC09	17–20	NCT 40	50	100	0,5	

Bodies and assembly parts are included in the scope of delivery

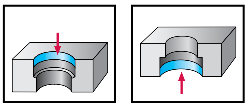
Assembly parts	Type	TC .. 06T1 ..	TC .. 0902 ..
	Clamping screw	FS2623	FS2625
	Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm


	Basic body	Boring bar
	B5110-001-006-N2-B	EB701.WKP21
	B5110-001-006-N2-B	EB702.WKP21
	B5110-001-006-N2-B	EB703.WKP21
	B5110-001-006-N2-B	EB704.WKP21
	B5110-001-006-N2-B	EB705.WKP21
	B5110-001-006-N2-B	EB706.WKP21
	B5110-006-010-N2-B	EB707.WKP21
	B5110-006-010-N2-B	EB708.TC06
	B5110-010-014-N3-B	EB709.TC06
	B5110-010-014-N3-B	EB710.TC06
	B5110-014-020-N4-B	EB711.TC09
	B5110-014-020-N4-B	EB712.TC09

Accessories

	Type	TC .. 06T1 ..	TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key		ISO2936-3 (SW 3,5)
	Torque screwdriver, analogue	FS2001	FS2001
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Precision boring tool
B5115 mm
Walter Precision XT

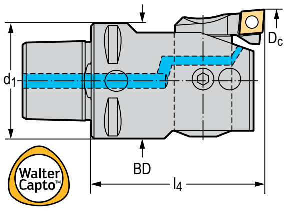
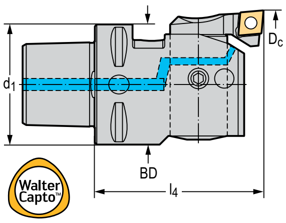
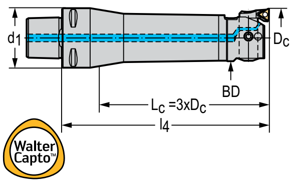


D_c 19–167	κ=92°	Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

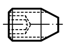
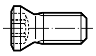
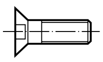
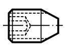
B2

Tool

	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
 Walter Capto™ in acc. with ISO 26623	B5115-035-045-C3-CC06	35–45	C3	48	32	0,3	CC .. 0602 ..
	B5115-044-056-C4-CC06	44–56	C4	56	40	0,5	
 Walter Capto™ in acc. with ISO 26623	B5115-055-070-C5-CC09	55–70	C5	70	50	1	CC .. 09T3 ..
	B5115-069-087-C6-CC09	69–87	C6	82	63	1,9	
	B5115-086-107-C6-CC09	86–107	C6	94	80	2,6	
	B5115-106-137-C6-CC09	106–137	C6	94	100	3	
	B5115-106-137-C8-CC09	106–137	C8	104	100	4,3	
	B5115-136-167-C6-CC09	136–167	C6	94	130	3,7	
	B5115-136-167-C8-CC09	136–167	C8	104	130	4,9	
 Walter Capto™ in acc. with ISO 26623	B5115-019-023-C3-TC06	19–23	C3	89	18	0,3	TC .. 06T1 ..
	B5115-023-029-C3-TC06	23–29	C3	105	20	0,4	
	B5115-028-036-C3-TC06	28–36	C3	117	25	0,5	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

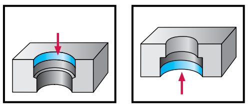
	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624	FS2630	FS2628	FS2624	FS2630
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635	FS2636	FS2634	FS2635	FS2636
	Coolant screw	FS2640	FS2641	FS2640	FS2640	FS2641

Basic body	Cartridge
B5115-035-045-C3-B	EB716.CC06
B5115-044-056-C4-B	EB716.CC06
B5115-055-070-C5-B	EB717.CC09
B5115-069-087-C6-B	EB717.CC09
B5115-086-107-C6-B	EB717.CC09
B5115-106-137-C6-B	EB717.CC09
B5115-106-137-C8-B	EB717.CC09
B5115-136-167-C6-B	EB717.CC09
B5115-136-167-C8-B	EB717.CC09
B5115-019-023-C3-B	EB713.TC06
B5115-023-029-C3-B	EB713.TC06
B5115-028-036-C3-B	EB713.TC06

Accessories

Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
ISO 2936-2 key			ISO2936-2 (SW 2,5)	
ISO 2936-3 key	ISO2936-3 (SW 3,5)			
Keys	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
Torque screwdriver, digital		FS2248		

Precision boring tool
B5115 mm
Walter Precision XT

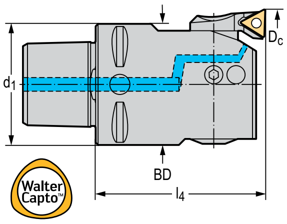
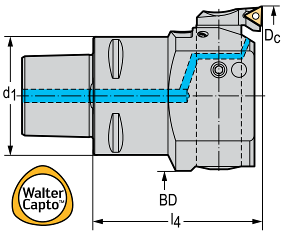


D_c 19–167	κ=92°	Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

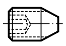
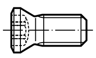
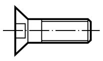
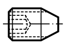
B 2

Tool

	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
	B5115-035-045-C3-TC09	35–45	C3	48	32	0,3	TC .. 0902 ..
	B5115-044-056-C4-TC09	44–56	C4	56	40	0,5	
Walter Capto™ in acc. with ISO 26623							
	B5115-055-070-C5-TC11	55–70	C5	66	50	1	TC .. 1102 ..
	B5115-069-087-C6-TC11	69–87	C6	78	63	1,9	
	B5115-086-107-C6-TC11	86–107	C6	90	80	2,6	
	B5115-106-137-C6-TC11	106–137	C6	90	100	3	
	B5115-106-137-C8-TC11	106–137	C8	100	100	4,3	
	B5115-136-167-C6-TC11	136–167	C6	90	130	3,7	
	B5115-136-167-C8-TC11	136–167	C8	100	130	4,9	
Walter Capto™ in acc. with ISO 26623							

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624	FS2630	FS2628	FS2624	FS2630
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635	FS2636	FS2634	FS2635	FS2636
	Coolant screw	FS2640	FS2641	FS2640	FS2640	FS2641

	Basic body	Cartridge
	B5115-035-045-C3-B	EB714.TC09
	B5115-044-056-C4-B	EB714.TC09
	B5115-055-070-C5-B	EB715.TC11
	B5115-069-087-C6-B	EB715.TC11
	B5115-086-107-C6-B	EB715.TC11
	B5125-106-137-C6-B	EB715.TC11
	B5115-106-137-C8-B	EB715.TC11
	B5115-136-167-C6-B	EB715.TC11
	B5115-136-167-C8-B	EB715.TC11

Accessories

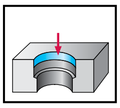
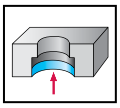
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3,5)			
	Keys	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		

Precision boring tool

B5115 mm

Walter Precision XT

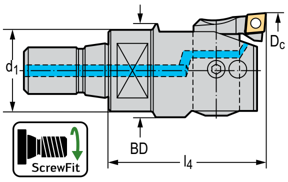
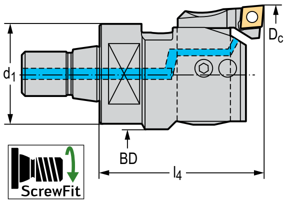
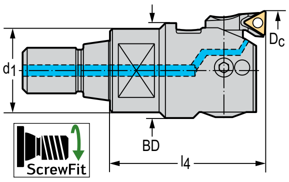
D_c 19–167	κ=92°	Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

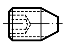
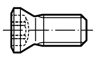
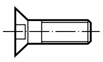
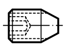
B2

Tool

	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
 ScrewFit	B5115-035-045-T28-CC06	35–45	T28	54	32	0,3	CC .. 0602 ..
	B5115-044-056-T36-CC06	44–56	T36	56	40	0,6	
 ScrewFit	B5115-055-070-T45-CC09	55–70	T45	74	50	1	CC .. 09T3 ..
 ScrewFit	B5115-019-023-T18-TC06	19–23	T18	38	18	0,1	TC .. 06T1 ..
	B5115-023-029-T18-TC06	23–29	T18	38	20	0,1	
	B5115-028-036-T22-TC06	28–36	T22	41	25	0,2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624	FS2630	FS2628	FS2624	FS2630
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635	FS2636	FS2634	FS2635	FS2636
	Coolant screw	FS2640	FS2641	FS2640	FS2640	FS2641

	Basic body	Cartridge
	B5115-035-045-T28-B	EB716.CC06
	B5115-044-056-T36-B	EB716.CC06
	B5115-055-070-T45-B	EB717.CC09
	B5115-019-023-T18-B	EB713.TC06
	B5115-023-029-T18-B	EB713.TC06
	B5115-028-036-T22-B	EB713.TC06

Accessories

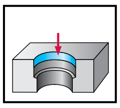
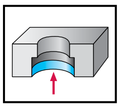
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3,5)			
	Keys	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		

Precision boring tool

B5115 mm

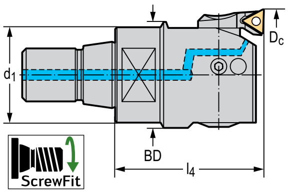
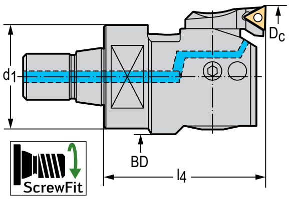
Walter Precision XT

D_c 19–167	κ=92°	Z=1

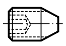
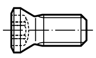
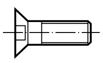
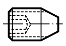
	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
 ScrewFit	B5115-035-045-T28-TC09	35–45	T28	54	32	0,3	TC .. 0902 ..
	B5115-044-056-T36-TC09	44–56	T36	56	40	0,6	
 ScrewFit	B5115-055-070-T45-TC11	55–70	T45		50	1	TC .. 1102 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624	FS2630	FS2628	FS2624	FS2630
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635	FS2636	FS2634	FS2635	FS2636
	Coolant screw	FS2640	FS2641	FS2640	FS2640	FS2641

	Basic body	Cartridge
	B5115-035-045-T28-B	EB714.TC09
	B5115-044-056-T36-B	EB714.TC09
	B5115-055-070-T45-B	EB715.TC11

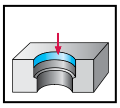
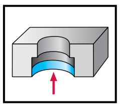
B2

Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3,5)			
	Keys	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		

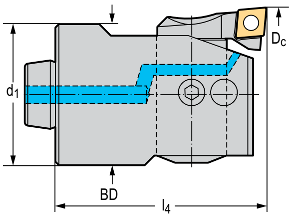
Precision boring tool
B5115 mm
Walter Precision XT

D_c 19–167 | κ=92° | Z=1

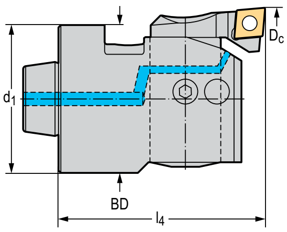
	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

Tool



Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-035-045-N3-CC06	35–45	NCT 32	48	32	0,3	CC .. 0602 ..
B5115-044-056-N4-CC06	44–56	NCT 40	56	40	0,5	

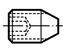
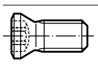
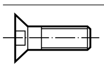
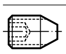


Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-055-070-N5-CC09	55–70	NCT 50	70	50	0,9	CC .. 09T3 ..
B5115-069-087-N6-CC09	69–87	NCT 63	82	63	1,7	
B5115-086-107-N6-CC09	86–107	NCT 63	94	80	2,4	
B5115-106-137-N6-CC09	106–137	NCT 63	94	100	2,8	
B5115-106-137-N8-CC09	106–137	NCT 80	104	100	3,8	
B5115-136-167-N6-CC09	136–167	NCT 63	94	130	3,4	
B5115-136-167-N8-CC09	136–167	NCT 80	104	130	4,4	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624	FS2630	FS2628	FS2624	FS2630
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635	FS2636	FS2634	FS2635	FS2636
	Coolant screw	FS2640	FS2641	FS2640	FS2640	FS2641

B 2

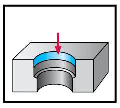
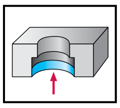
	Basic body	Cartridge
	B5115-035-045-N3-B	EB716.CC06
	B5115-044-056-N4-B	EB716.CC06
	B5115-055-070-N5-B	EB717.CC09
	B5115-069-087-C6-B	EB717.CC09
	B5115-086-107-N6-B	EB717.CC09
	B5115-106-137-N6-B	EB717.CC09
	B5115-106-137-N8-B	EB717.CC09
	B5115-136-167-N6-B	EB717.CC09
	B5115-136-167-N8-B	EB717.CC09

Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3,5)			
	Keys	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		

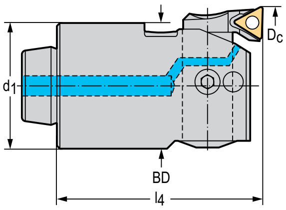
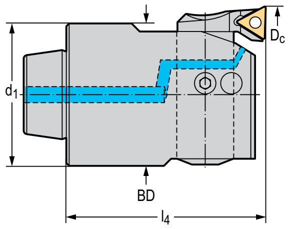
Precision boring tool
B5115 mm
Walter Precision XT

D_c 19–167	κ=92°	Z=1

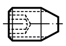
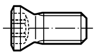
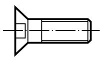
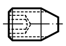
	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
 Modular NCT adaptor	B5115-019-023-N2-TC06	19–23	NCT 25	80	18	0,2	TC .. 06T1 ..
	B5115-023-029-N2-TC06	23–29	NCT 25	91	20	0,2	
	B5115-028-036-N2-TC06	28–36	NCT 25	41	25	0,2	
 Modular NCT adaptor	B5115-035-045-N3-TC09	35–45	NCT 32	48	32	0,3	TC .. 0902 ..
	B5115-044-056-N4-TC09	44–56	NCT 40	56	40	1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624	FS2630	FS2628	FS2624	FS2630
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635	FS2636	FS2634	FS2635	FS2636
	Coolant screw	FS2640	FS2641	FS2640	FS2640	FS2641

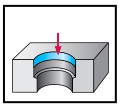
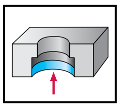
	Basic body	Cartridge
	B5115-019-023-N2-B	EB713.TC06
	B5115-023-029-N2-B	EB713.TC06
	B5115-028-036-N2-B	EB713.TC06
	B5115-035-045-N3-B	EB714.TC09
	B5115-044-056-N4-B	EB714.TC09

Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3,5)			
	Keys	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		

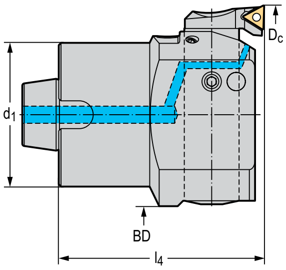
Precision boring tool
B5115 mm
Walter Precision XT

D_c 19–167 | κ=92° | Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

Tool

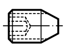
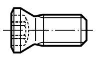
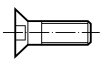
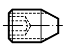


Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-055-070-N5-TC11	55–70	NCT 50	66	50	0,9	TC .. 1102 ..
B5115-069-087-N6-TC11	69–87	NCT 63	78	63	1,7	
B5115-086-107-N6-TC11	86–107	NCT 63	90	80	2,4	
B5115-106-137-N6-TC11	106–137	NCT 63	90	100	2,8	
B5115-106-137-N8-TC11	106–137	NCT 80	100	100	3,8	
B5115-136-167-N6-TC11	136–167	NCT 63	90	130	3,4	
B5115-136-167-N8-TC11	136–167	NCT 80	100	130	4,4	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624	FS2630	FS2628	FS2624	FS2630
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635	FS2636	FS2634	FS2635	FS2636
	Coolant screw	FS2640	FS2641	FS2640	FS2640	FS2641

	Basic body	Cartridge
	B5115-055-070-N5-B	EB715.TC11
	B5115-069-087-N6-B	EB715.TC11
	B5115-086-107-N6-B	EB715.TC11
	B5115-106-137-N6-B	EB715.TC11
	B5115-106-137-N8-B	EB715.TC11
	B5115-136-167-N6-B	EB715.TC11
	B5115-136-167-N8-B	EB715.TC11

Accessories

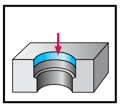
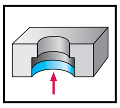
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3,5)			
	Keys	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		

Fine Lightweight boring tool

B5125 mm

Walter Precision XT

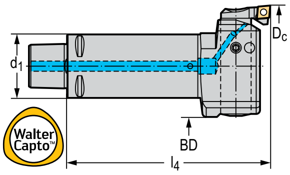
– Weight reduced (LWS)
–

D_c 69–167	κ=92°	Z=1	LWS

	P	M	K	N	S	H	O
B5125	●●	●●	●●	●●	●●	●	●

Tool

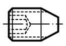
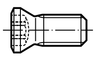
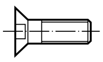
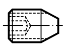


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5125-069-087-C5-CC09	69–87	C5	154	63	1,5	CC .. 09T3 ..
B5125-086-107-C5-CC09	86–107	C5	160	80	1,6	
B5125-106-137-C6-CC09	106–137	C6	194	100	3	
B5125-136-167-C8-CC09	136–167	C8	204	130	4,1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2630	FS2630
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2636	FS2636
	Coolant screw	FS2641	FS2641

	Basic body	Cartridge
	B5125-069-087-C5-B	EB717.CC09
	B5125-086-107-C5-B	EB717.CC09
	B5125-106-137-C6-B	EB717.CC09
	B5125-136-167-C8-B	EB717.CC09

Accessories

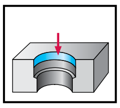
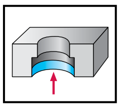
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, analogue		FS2011 (T7IP)
	Torque screwdriver, digital	FS2248	
	Screwdriver		FS2088 (T7IP)
	Interchangeable blade	FS2014 (T15IP)	
	Screwdriver	FS1485 (T15IP)	
	Extension	EB737 6 Nm	EB737 6 Nm

Fine Lightweight boring tool

B5125 mm

Walter Precision XT

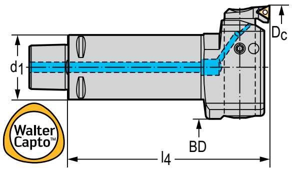
– Weight reduced (LWS)
–

D_c 69–167	κ=92°	Z=1	LWS

	P	M	K	N	S	H	O
B5125	●●	●●	●●	●●	●●	●	●

Tool

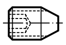
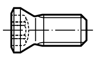
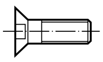
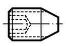


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5125-069-087-C5-TC11	69–87	C5	150	63	1,5	TC .. 1102 ..
B5125-086-107-C5-TC11	86–107	C5	156	80	1,6	
B5125-106-137-C6-TC11	106–137	C6	190	100	3	
B5125-136-167-C8-TC11	136–167	C8	200	130	4,1	

Bodies and assembly parts are included in the scope of delivery

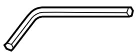
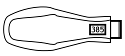
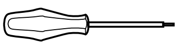
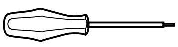
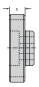
Assembly parts

	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2630	FS2630
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2636	FS2636
	Coolant screw	FS2641	FS2641

	Basic body	Cartridge
	B5125-069-087-C5-B	EB715.TC11
	B5125-086-107-C5-B	EB715.TC11
	B5125-106-137-C6-B	EB715.TC11
	B5125-136-167-C8-B	EB715.TC11

B 2

Accessories

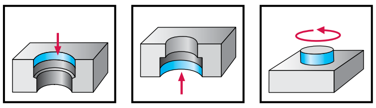
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, analogue		FS2011 (T7IP)
	Torque screwdriver, digital	FS2248	
	Screwdriver		FS2088 (T7IP)
	Interchangeable blade	FS2014 (T15IP)	
	Screwdriver	FS1485 (T15IP)	
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

– Basic body/bridge can also be used with B5460 and B5560
–

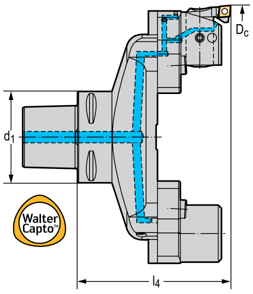


D_c 148–635 | κ=92° | Z=1

	P	M	K	N	S	H	O
B5120	●●	●●	●●	●●	●●	●	●

B 2

Tool

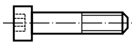
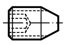
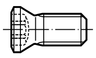
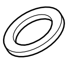
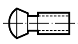


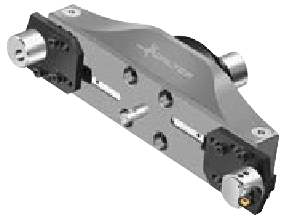
Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5120-148-215-C8-CC09	148–215	C8	134	6,2	CC .. 09T3 ..
B5120-198-265-C8-CC09	198–265	C8	134	7,4	
B5120-248-315-C8-CC09	248–315	C8	134	8,5	

Bodies and assembly parts are included in the scope of delivery

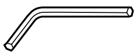
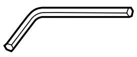
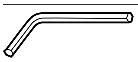
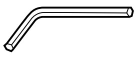
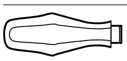
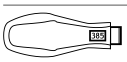
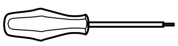
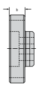
Assembly parts

	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2646 (HEX5)	FS2646 (HEX5)
	Coolant screw	FS2641	FS2641
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Washer	FS2649	FS2649
	Adjustment set	FS2653	FS2653
	O-ring	FS2657	FS2657
	Stud	FS2654	FS2654



	Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
	B5120-148-000-C8-B		EB719	EB718	EB721	EB717.CC09
	B5120-198-000-C8-B		EB719	EB718	EB721	EB717.CC09
	B5120-248-000-C8-B		EB719	EB718	EB721	EB717.CC09

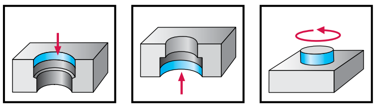
Accessories

	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)	ISO2936-3 (SW 3,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool
B5120 mm
Walter Precision XT

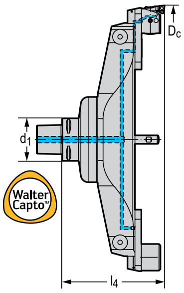
– Basic body/bridge can also be used with B5460 and B5560
–

Dc 148–635	κ=92°	Z=1



	P	M	K	N	S	H	O
B5120	●●	●●	●●	●●	●●	●	●

Tool

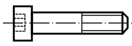
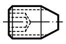
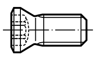
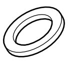
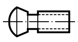


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5120-298-395-C8-CC09	298–395	C8	183	15,1	CC .. 09T3 ..
B5120-378-475-C8-CC09	378–475	C8	188	16,8	
B5120-458-555-C8-CC09	458–555	C8	193	18,8	
B5120-538-635-C8-CC09	538–635	C8	198	21,2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2646 (HEX5)	FS2646 (HEX5)
	Coolant screw	FS2641	FS2641
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Washer	FS2649	FS2649
	Adjustment set	FS2653	FS2653
	O-ring	FS2657	FS2657
	Stud	FS2654	FS2654

	Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
	B5120-298-000-C8-B	EB731	EB720	EB718	EB722	EB717.CC09
	B5120-298-000-C8-B	EB732	EB720	EB718	EB722	EB717.CC09
	B5120-298-000-C8-B	EB733	EB720	EB718	EB722	EB717.CC09
	B5120-298-000-C8-B	EB734	EB720	EB718	EB722	EB717.CC09

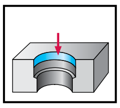
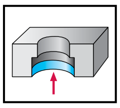
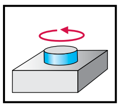
Accessories

	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)	ISO2936-3 (SW 3,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool
B5120 mm
Walter Precision XT

– Basic body/bridge can also be used with B5460 and B5560
–

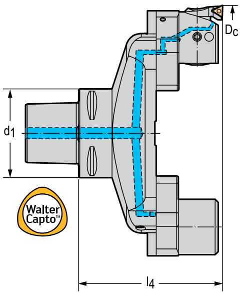
D_c	κ=92°	Z=1
148–635		

	P	M	K	N	S	H	O
B5120	●●	●●	●●	●●	●●	●	●

B2

Tool

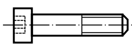
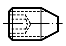
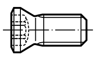
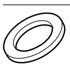
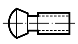


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5120-148-215-C8-TC11	148–215	C8	130	6,2	TC .. 1102 ..
B5120-198-265-C8-TC11	198–265	C8	130	7,4	
B5120-248-315-C8-TC11	248–315	C8	130	8,5	

Bodies and assembly parts are included in the scope of delivery

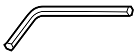
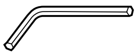
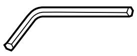
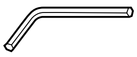
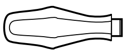
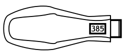
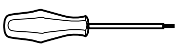
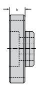
Assembly parts

	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2646 (HEX5)	FS2646 (HEX5)
	Coolant screw	FS2641	FS2641
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Washer	FS2649	FS2649
	Adjustment set	FS2653	FS2653
	O-ring	FS2657	FS2657
	Stud	FS2654	FS2654


	Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
	B5120-148-000-C8-B		EB719	EB718	EB721	EB715.TC11
	B5120-198-000-C8-B		EB719	EB718	EB721	EB715.TC11
	B5120-248-000-C8-B		EB719	EB718	EB721	EB715.TC11

B 2

Accessories

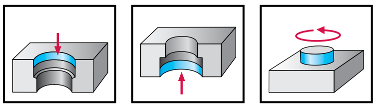
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)	ISO2936-3 (SW 3,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

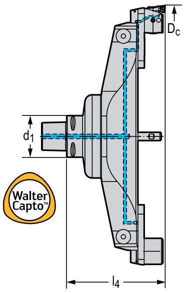
– Basic body/bridge can also be used with B5460 and B5560
–



D_c 148–635	κ=92°	Z=1

	P	M	K	N	S	H	O
B5120	●●	●●	●●	●●	●●	●	●

Tool



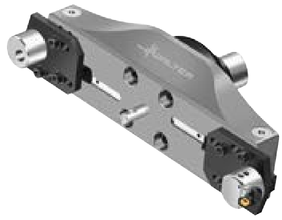
Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5120-298-395-C8-TC11	298–395	C8	179	15,1	TC .. 1102 ..
B5120-378-475-C8-TC11	378–475	C8	184	16,8	
B5120-458-555-C8-TC11	458–555	C8	189	18,8	
B5120-538-635-C8-TC11	538–635	C8	194	21,2	

Bodies and assembly parts are included in the scope of delivery

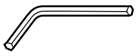
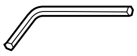
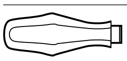
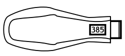
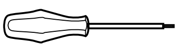
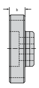
Assembly parts

Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (HEX5)	FS2646 (HEX5)
Coolant screw	FS2641	FS2641
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653	FS2653
O-ring	FS2657	FS2657
Stud	FS2654	FS2654




Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-298-000-C8-B	EB731	EB720	EB718	EB722	EB715.TC11
B5120-298-000-C8-B	EB732	EB720	EB718	EB722	EB715.TC11
B5120-298-000-C8-B	EB733	EB720	EB718	EB722	EB715.TC11
B5120-298-000-C8-B	EB734	EB720	EB718	EB722	EB715.TC11

Accessories

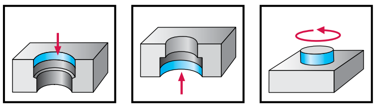
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)	ISO2936-3 (SW 3,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

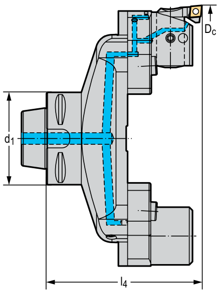
– Basic body/bridge can also be used with B5460 and B5560
–



D_c 148–635 | κ=92° | Z=1

	P	M	K	N	S	H	O
B5120	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1	l_4 mm	kg	Type
	B5120-148-215-N8-CC09	148–215	NCT 80	134	5,7	CC .. 09T3 ..
	B5120-198-265-N8-CC09	198–265	NCT 80	134	6,9	
Modular NCT adaptor	B5120-248-315-N8-CC09	248–315	NCT 80	134	8	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (HEX5)	FS2646 (HEX5)
Coolant screw	FS2641	FS2641
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653	FS2653
O-ring	FS2657	FS2657
Stud	FS2654	FS2654

	Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
	B5120-148-000-N8-B		EB719	EB718	EB721	EB717.CC09
	B5120-198-000-N8-B		EB719	EB718	EB721	EB717.CC09
	B5120-248-000-N8-B		EB719	EB718	EB721	EB717.CC09

B 2

Accessories

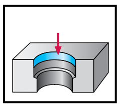
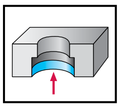
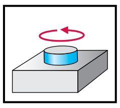
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)	ISO2936-3 (SW 3,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

– Basic body/bridge can also be used with B5460 and B5560
–

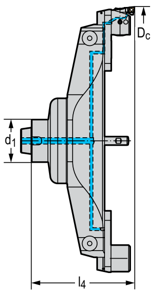




D_c 148–635 | κ=92° | Z=1

	P	M	K	N	S	H	O
B5120	●●	●●	●●	●●	●●	●	●

B2

Tool

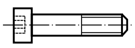
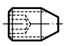
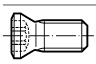
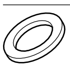
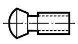


Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5120-298-395-N8-CC09	298–395	NCT 80	183	14,5	CC .. 09T3 ..
B5120-378-475-N8-CC09	378–475	NCT 80	188	16,3	
B5120-458-555-N8-CC09	458–555	NCT 80	193	18,2	
B5120-538-635-N8-CC09	538–635	NCT 80	198	20,6	

Bodies and assembly parts are included in the scope of delivery

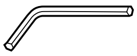
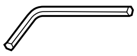
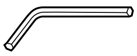
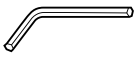
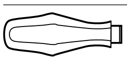
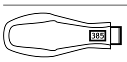
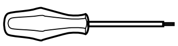
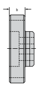
Assembly parts

	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2646 (HEX5)	FS2646 (HEX5)
	Coolant screw	FS2641	FS2641
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Washer	FS2649	FS2649
	Adjustment set	FS2653	FS2653
	O-ring	FS2657	FS2657
	Stud	FS2654	FS2654

	Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
	B5120-298-000-N8-B	EB731	EB720	EB718	EB722	EB717.CC09
	B5120-298-000-N8-B	EB732	EB720	EB718	EB722	EB717.CC09
	B5120-298-000-N8-B	EB733	EB720	EB718	EB722	EB717.CC09
	B5120-298-000-N8-B	EB734	EB720	EB718	EB722	EB717.CC09

B 2

Accessories

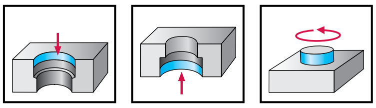
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)	ISO2936-3 (SW 3,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

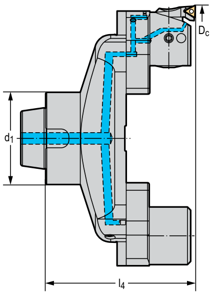
– Basic body/bridge can also be used with B5460 and B5560
–



D_c 148–635	κ=92°	Z=1

	P	M	K	N	S	H	O
B5120	●●	●●	●●	●●	●●	●	●

Tool

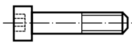
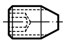
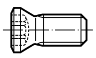
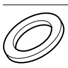
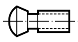


Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5120-148-215-N8-TC11	148–215	NCT 80	130	5,7	TC .. 1102 ..
B5120-198-265-N8-TC11	198–265	NCT 80	130	6,9	
B5120-248-315-N8-TC11	248–315	NCT 80	130	8	

Bodies and assembly parts are included in the scope of delivery

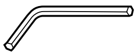
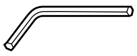
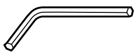
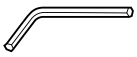
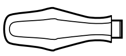
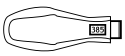
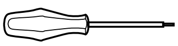
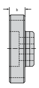
Assembly parts

	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2646 (HEX5)	FS2646 (HEX5)
	Coolant screw	FS2641	FS2641
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Washer	FS2649	FS2649
	Adjustment set	FS2653	FS2653
	O-ring	FS2657	FS2657
	Stud	FS2654	FS2654

	Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
	B5120-148-000-N8-B		EB719	EB718	EB721	EB715.TC11
	B5120-198-000-N8-B		EB719	EB718	EB721	EB715.TC11
	B5120-248-000-N8-B		EB719	EB718	EB721	EB715.TC11

B 2

Accessories

	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)	ISO2936-3 (SW 3,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

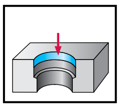
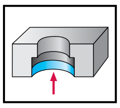
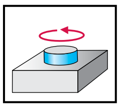
Precision boring tool

B5120 mm

Walter Precision XT

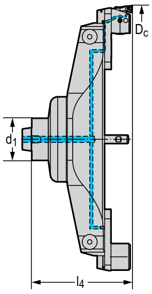
– Basic body/bridge can also be used with B5460 and B5560
–

D_c 148–635 | κ=92° | Z=1

	P	M	K	N	S	H	O
B5120	●●	●●	●●	●●	●●	●	●

Tool

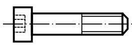
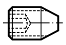
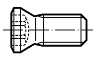
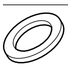
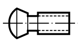


Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	kg	Type
B5120-298-395-N8-TC11	298–395	NCT 80	179	14,5	TC .. 1102 ..
B5120-378-475-N8-TC11	378–475	NCT 80	184	16,3	
B5120-458-555-N8-TC11	458–555	NCT 80	189	18,2	
B5120-538-635-N8-TC11	538–635	NCT 80	194	20,6	

Bodies and assembly parts are included in the scope of delivery

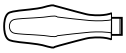
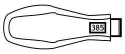
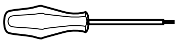
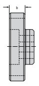
Assembly parts

	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2646 (HEX5)	FS2646 (HEX5)
	Coolant screw	FS2641	FS2641
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Washer	FS2649	FS2649
	Adjustment set	FS2653	FS2653
	O-ring	FS2657	FS2657
	Stud	FS2654	FS2654

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-298-000-N8-B	EB731	EB720	EB718	EB722	EB715.TC11
B5120-298-000-N8-B	EB732	EB720	EB718	EB722	EB715.TC11
B5120-298-000-N8-B	EB733	EB720	EB718	EB722	EB715.TC11
B5120-298-000-N8-B	EB734	EB720	EB718	EB722	EB715.TC11

B 2

Accessories

	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3,5)	ISO2936-3 (SW 3,5)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

B 2

ISO cartridges

Type				
Machining				
				
Designation	**SCFC...CA**	**SCLC...CA**	**PCLN...CA**	**PCFN...CA**
Approach angle	100°	95°	95°	90°
Clamping system	Screw	Screw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]	15–20	15–20	20–33	20
Shank size h [Inch]				
Insert size l [mm]	9–12	9–12	12–19	12
Page in catalogue	B 564	B 564	B 558	B 557
QR code				
www.walter-tools.com/woc/	SCFC-CA	SCLC-CA	PCLN-CA	PCFN-CA

Type				
Machining				
				
Designation	**SSKC-09...CA**	**SSRC-12...CA**	**PSKN...CA**	**PSSN...CA**
Approach angle	75°	75°	75°	45°
Clamping system	Screw	Screw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]	15	15	15–33	20
Shank size h [Inch]				
Insert size l [mm]	9	9	9–19	12
Page in catalogue	B 565	B 565	B 560	B 562
QR code				
www.walter-tools.com/woc/	SSKC-09-CA	SSRC-12-CA	PSKN-CA	PSSN-CA

WALTER SELECT ●● Primary application ● Other application

ISO cartridges

Type			
Machining			
			
Designation	STFC...CA	PTFN...CA	SWFC...CA
Approach angle	91°	95°	100°
Clamping system	Screw	Lever-type	Screw
Coolant supply	External	External	External
Shank size h [mm]	9,4–15	20	15
Shank size h [Inch]			
Insert size l [mm]	9–11	16	6
Page in catalogue	B 566	B 563	B 567
QR code			
www.walter-tools.com/woc/	STFC-CA	PTFN-CA	SWFC-CA

B 2

WALTER SELECT ●● Primary application ● Other application

Walter mini cartridges

Type				
Machining				
				
Designation				
Approach angle	90°	75°	30°	100°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	External	External	External	External
Shank size h [mm]				
Shank size h [Inch]				
Insert size l [mm]	6		11	4
Page in catalogue	B 568	B 572	B 569	B 568

Type	
Machining	
	
Designation	
Approach angle	90°
Clamping system	Screw
Coolant supply	External
Shank size h [mm]	
Shank size h [Inch]	
Insert size l [mm]	6
Page in catalogue	B 568

WALTER SELECT ●● Primary application ● Other application

Walter precision boring cartridges

Type		
Machining		
		
Designation		
Approach angle	90°	100°
Clamping system	Screw	Screw
Coolant supply	External	External
Shank size h [mm]		
Shank size h [Inch]		
Insert size l [mm]	11	4–6
Page in catalogue	B 576	B 574

B 2

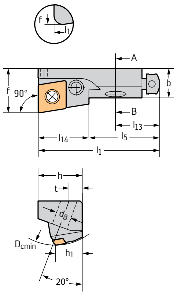
WALTER SELECT

●● Primary application ● Other application

ISO cartridge
PCFN...CA

B 2

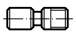
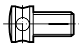
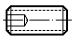
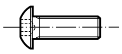
Tool



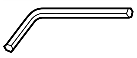
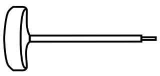
Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
PCFNR12CA-12	12	13,3	50	7	20	20	20	47	32	6	CN .. 1204 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CN .. 1204 ..
	Lever	KN109
	Clamping screw for indexable insert Tightening torque	FS332 (SW 2,5) 2,5 Nm
	Adjusting screw, axial	FS335
	Adjusting screw, radial	FS334 (SW 2)
	Fastening screw	FS977 (T30)

Accessories

	Type	CN .. 1204 ..
	ISO 2936 key	ISO2936-2,5 (SW 2,5)
	Handle key	FS1175 (T30)

WALTER SELECT

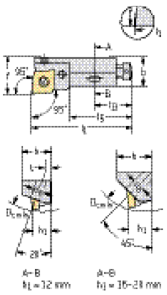
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

ISO cartridge
PCLN...CA

B 2

Tool



Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
PCLNL12CA-12	12	16	50	7	20	20	20	55	28	6	CN .. 1204 ..
PCLNL16CA-12	16	20	60	9	25	25	25	63	35	0	
PCLNL20CA-16	20	20	70	9	30	25	30	70	40	0	
PCLNR12CA-12	12	16	50	7	20	20	20	55	28	6	
PCLNR16CA-12	16	20	60	9	25	25	25	63	35	0	
PCLNR20CA-16	20	20	70	9	30	25	30	70	40	0	CN .. 1606 ..
PCLNR25CA-19	25	25	100	11	30	32	33	90	62	0	CN .. 1906 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	CN .. 1204 ..	CN .. 1606 ..	CN .. 1906 ..
Lever	KN109		
Shim		AP135-CN1624	AP136-CN1924
Lever		KN104	KN106
Clamping screw for indexable insert Tightening torque	FS332 (SW 2,5) 2,5 Nm	FS354 (SW 3) 5 Nm	FS356 10 Nm
Shim pin		RS103	RS104
Tapered assembly pin		MD102	MD102
Adjusting screw, axial		FS339	FS2575
Adjusting screw, radial	FS334 (SW 2)		
Adjusting screw, axial	FS335		
Adjusting screw, radial		FS337 (SW 2,5)	FS974
Fastening screw	FS977 (T30)	FS975 (T40)	FS2578 (T50)

Zubehör

Type	CN .. 1204 ..	CN .. 1606 ..	CN .. 1906 ..
Schlüssel ISO 2936	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3,5)	ISO2936-4 (SW 4)

WALTER SELECT

●● Primary application ● Other application

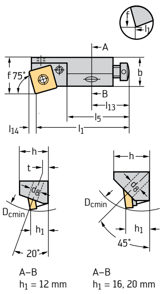
Best tool for → Good = → Average = → Poor = machining conditions

Zubehör

Type	CN .. 1204 ..	CN .. 1606 ..	CN .. 1906 ..
Griffschlüssel	FS1175 (T30)	FS1176 (T40)	FS2577 (T45)

ISO cartridge
PSKN...CA

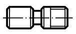
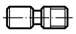
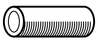
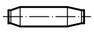
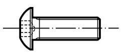
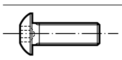
Tool



Designation	h_1 mm	l_{14} mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
PSKNL12CA-12	12	3,1	16	50	7	20	20	20	55	32	6	SN .. 1204 ..
PSKNL16CA-12	16	3,1	20	60	9	25	25	25	63	37	0	
PSKNR10CA-09	10	2,2	10	40	7	20	14	15	44	17	5	SN .. 0903 ..
PSKNR12CA-12	12	3,1	16	50	7	20	20	20	55	32	6	SN .. 1204 ..
PSKNR16CA-12	16	3,1	20	60	9	25	25	25	63	37	0	
PSKNR20CA-15	20	3,8	20	70	9	30	25	30	70	40	0	SN .. 1506 ..
PSKNR25CA-19	25	4,6	25	100	11	30	32	33	90	63	0	SN .. 1906 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	SN .. 0903 ..	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..
	Lever		KN109		
	Shim			AP142-SN1524	AP143-SN1924
	Lever	KN126		KN104	KN106
	Clamping screw for indexable insert		FS332 (SW 2,5) 2,5 Nm		
	Clamping screw for indexable insert Tightening torque	FS2182 2 Nm		FS354 (SW 3) 5 Nm	FS356 10 Nm
	Adjusting screw, axial	FS335	FS335		
	Shim pin			RS103	RS104
	Adjusting screw, radial	FS333 (SW 2)	FS333 (SW 2)		
	Tapered assembly pin			MD102	MD102
	Fastening screw		FS977 (T30)		
	Adjusting screw, axial			FS339	FS2575
	Adjusting screw, radial			FS337 (SW 2,5)	FS974
	Fastening screw	FS976 (T30)		FS975 (T40)	FS2578 (T50)

WALTER SELECT

●● Primary application ● Other application

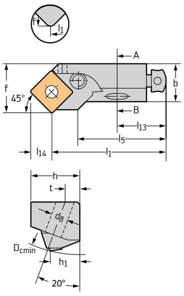
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Zubehör

	Type	SN .. 0903 ..	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..
	Schlüssel ISO 2936		ISO2936-2,5 (SW 2,5)		
	Griffschlüssel	FS1175 (T30)	FS1175 (T30)		
	Schlüssel ISO 2936	ISO2936-2 (SW 2,5)		ISO2936-3 (SW 3,5)	ISO2936-4 (SW 4)
	Griffschlüssel			FS1176 (T40)	FS2577 (T45)

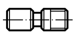
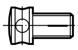
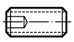
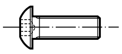
ISO cartridge
PSSN...CA

Tool

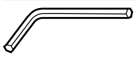
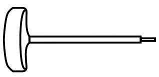
	Designation	h_1 mm	l_{14} mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
	PSSNR12CA-12	12	8,3	15,5	50	7	20	20	20	38	30	6	SN .. 1204 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	SN .. 1204 ..
	Lever	KN109
	Clamping screw for indexable insert Tightening torque	FS332 (SW 2,5) 2,5 Nm
	Adjusting screw, axial	FS335
	Adjusting screw, radial	FS333 (SW 2)
	Fastening screw	FS977 (T30)

Accessories

	Type	SN .. 1204 ..
	ISO 2936 key	ISO2936-2,5 (SW 2,5)
	Handle key	FS1175 (T30)

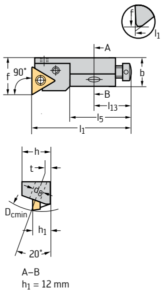
WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

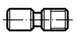
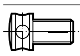
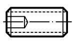
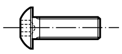
ISO cartridge
PTFN...CA

Tool

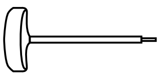
	Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
	PTFNL12CA-16	12	16	50	7	20	20	20	55	32,5	6	TN .. 1604 ..
	PTFNR12CA-16	12	15	50	7	20	20	20	55	32,5	6	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	TN .. 1604 ..
	Lever	KN108
	Clamping screw for indexable insert Tightening torque	FS331 (SW 2) 2 Nm
	Adjusting screw, axial	FS335
	Adjusting screw, radial	FS333 (SW 2)
	Fastening screw	FS977 (T30)

Accessories

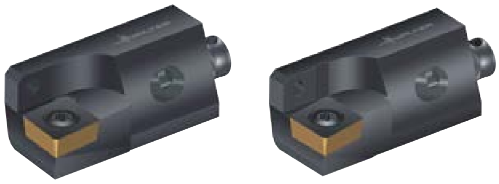
	Type	TN .. 1604 ..
	ISO 2936 key	ISO2936-2 (SW 2,5)
	Handle key	FS1175 (T30)

WALTER SELECT

●● Primary application ● Other application

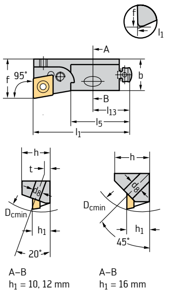
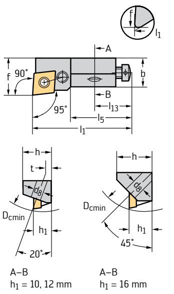
Best tool for → Good = → Average = → Poor = machining conditions

ISO cartridge
SCFC...CA / SCLC...CA



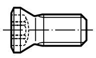
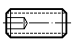
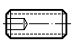
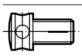
B 2

Tool

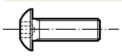
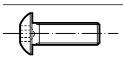
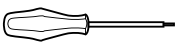
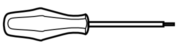
	Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
	SCFCL10CA-09	10	11	40	7	20	14	15	50	33	5	CC .. 09T3 ..
	SCFCL12CA-12	12	16	50	7	20	20	20	55	32	6	CC .. 1204 ..
	SCFCR10CA-09	10	11	40	7	20	14	15	50	33	5	CC .. 09T3 ..
	SCFCR12CA-12	12	16	50	7	20	20	20	55	32	6	CC .. 1204 ..
	SCLCL10CA-09	10	11	40	7	20	14	15	50	33	5	CC .. 09T3 ..
	SCLCR10CA-09	10	11	40	7	20	14	15	50	33	5	
	SCLCR12CA-12	12	16	50	7	20	20	20	55	32	6	CC .. 1204 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 09T3 ..	CC .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS359 (T15) 2,5 Nm	FS1029 (T20) 5 Nm
	Adjusting screw, radial		FS334 (SW 2)
	Adjusting screw, radial	FS369 (SW 2)	
	Adjusting screw, axial	FS335	FS335

Accessories

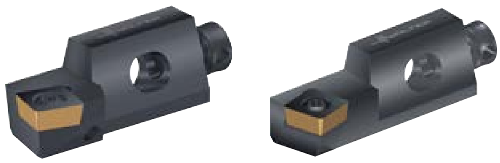
	Type	CC .. 09T3 ..	CC .. 1204 ..
	ISO 7380 screw		FS977 (T30)
	ISO 7380 screw	FS976 (T30)	
	Screwdriver		FS228 (T20)
	Screwdriver	FS229 (T15)	

WALTER SELECT

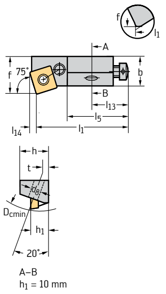
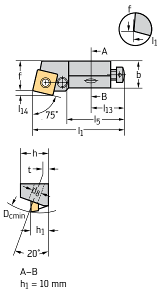
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

ISO cartridges
SSKC-09...CA / SSRC-12...CA

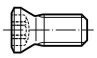
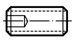
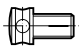


Tool

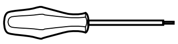
	Designation	h_1 mm	l_{14} mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
	SSKCR10CA-09	10	2,2	11	40	7	20	14	15	50	33	5	SC .. 09T3 ..
	SSRCR10CA-09	10		11	40	7	20	14	15	50	33	5	SC .. 09T3 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	SC .. 09T3 ..
	Clamping screw for indexable insert Tightening torque	FS359 (T15) 2,5 Nm
	Adjusting screw, radial	FS369 (SW 2)
	Adjusting screw, axial	FS335

Accessories

	Type	SC .. 09T3 ..
	Screwdriver	FS229 (T15)

WALTER SELECT

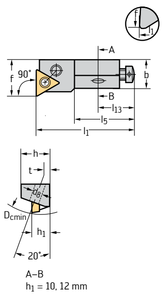
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

ISO cartridge
STFC...CA

B 2

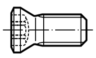
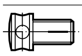
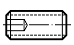
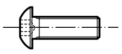
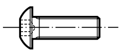
Tool



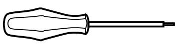
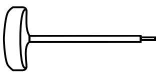
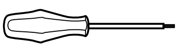
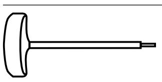
Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
STFCR08CA-09	8	6,6	25	4,5	17	10	9,4	32	22	4,5	TC .. 0902 ..
STFCR10CA-11	10	11	40	7	20	14	15	50	33	5	TC .. 1102 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw for indexable insert Tightening torque	FS2149 (T7IP) 0,9 Nm	FS375 (T7) 0,8 Nm
	Adjusting screw, axial	FS1023	FS335
	Adjusting screw, radial	FS493 (SW 1,5)	FS369 (SW 2)
	Fastening screw	FS2106 (T15IP)	
	Fastening screw		FS976 (T30)

Accessories

	Type	TC .. 0902 ..	TC .. 1102 ..
	Screwdriver	FS2088 (T7IP)	
	Handle key	FS1485 (T15IP)	
	Screwdriver		FS309 (T7)
	Handle key		FS1175 (T30)

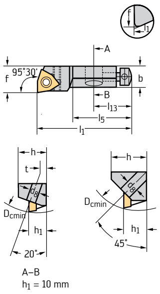
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ✖ machining conditions

ISO cartridge
SWFC...CA

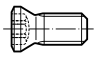
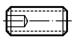
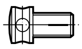
Tool



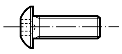
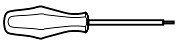
Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
SWFCR10CA-06	10	11	40	7	20	14	15	50	33	5	WC .. 06T3 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

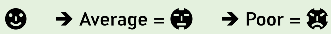
	Type	WC .. 06T3 ..
	Clamping screw for indexable insert Tightening torque	FS359 (T15) 2,5 Nm
	Adjusting screw, radial	FS369 (SW 2)
	Adjusting screw, axial	FS335

Accessories

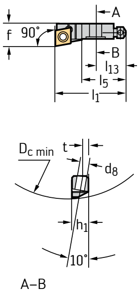
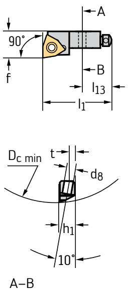
	Type	WC .. 06T3 ..
	ISO 7380 screw	FS976 (T30)
	Screwdriver	FS229 (T15)

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good =  → Average = → Poor = machining conditions

Mini cartridge

Tool	Designation	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
	FL671	20	9,7		6	25			WC .. 06T3 ..
	FR670	14,5	8		6	25			CP .. 0502 ..
	FR671	20	9,7		6	25			WC .. 06T3 ..
									

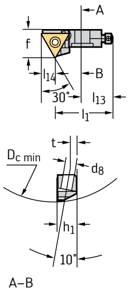
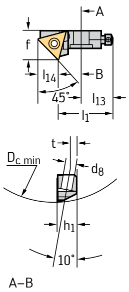
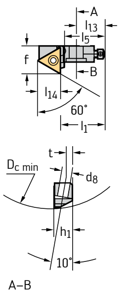
WALTER SELECT

●● Primary application ● Other application

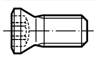
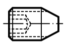
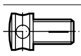
Best tool for → Good = → Average = → Poor = machining conditions

Mini cartridge

Tool

	Designation	l_{14} mm	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
	FR675	5,2	20	10,8		8	28			TC .. 1102 ..
	FL673	7,4	20	10,8		8	28			TC .. 1102 ..
	FR673	7,4	20	10,8		8	28			
	FR674	9,1	20	11		8	28			TC .. 1102 ..

Assembly parts

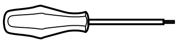
	Type	TC .. 1102 ..
	Clamping screw for indexable insert Tightening torque	FS375 (T7) 0,8 Nm
	Adjusting screw, radial	FS494 (SW 1,5)
	Adjusting screw, axial	FS1023
	Fastening screw	FS2106 (T15IP)

WALTER SELECT

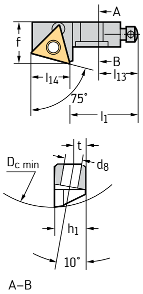
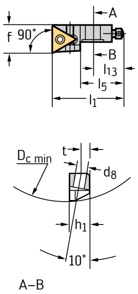
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Zubehör

	Type	TC .. 1102 ..
	Schraubendreher	FS309 (T7)

Mini cartridge

Tool	Designation	l_{14} mm	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
	FR707	10,1	20	11		8	28			TC .. 1102 ..
	FL672		20	11		8	28			TC .. 1102 ..
	FR672		20	11		8	28			

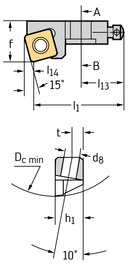
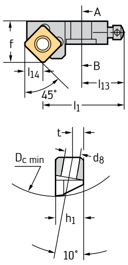
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

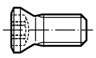
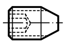
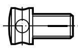
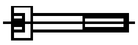
Mini cartridge

Tool

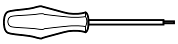
Tool	Designation	l_{14} mm	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
 A–B	FR701	1,4	20	9,7		6	25			P284 . S-1N- ..
 A–B	FL704	4,6	25	11,5		8	28			P284 . S-2N- ..
	FR699	3,7	20	9,7		6	25			P284 . S-1N- ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	P284 . S-1N- ..	P284 . S-2N- ..
	Clamping screw for indexable insert Tightening torque	FS924 (T8) 0,8 Nm	FS1005 (T8) 1 Nm
	Adjusting screw, radial	FS493 (SW 1,5)	FS494 (SW 1,5)
	Adjusting screw, axial	FS1023	FS1023
	Fastening screw	FS1024 (SW 2)	FS2106 (T15IP)

Accessories

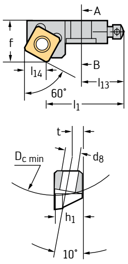
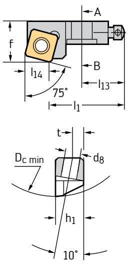
	Type	P284 . S-1N- ..–P284 . S-2N- ..
	Screwdriver	FS230 (T8)

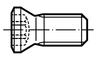
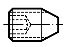
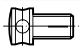
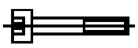
WALTER SELECT

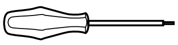
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Mini cartridge

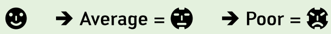
Tool	Designation	l_{14} mm	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
 A–B	FR698	4,8	20	9,7		6	25			P284 . S-1N- ..
 A–B	FR697	5,5	20	9,7		6	25			P284 . S-1N- ..

Assembly parts	Type	P284 . S-1N- ..
	Clamping screw for indexable insert Tightening torque	FS924 (T8) 0,8 Nm
	Adjusting screw, radial	FS493 (SW 1,5)
	Adjusting screw, axial	FS1023
	Fastening screw	FS1024 (SW 2)

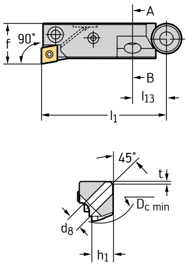
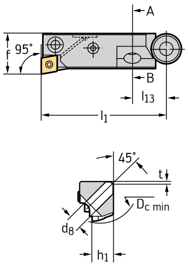
Accessories	Type	P284 . S-1N- ..
	Screwdriver	FS230 (T8)

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good =  → Average = → Poor = machining conditions

Precision boring cartridge

Tool	Designation	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
 A–B	FL710	28	16		8,5	45,5			WC .. 06T3 ..
	FR710	28	16		8,5	45,5			
 A–B	FL717	28	16		8,5	45,5			WC .. 06T3 ..
	FR717	28	16		8,5	45,5			

Bodies and assembly parts are included in the scope of delivery

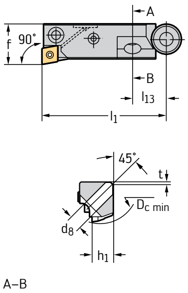
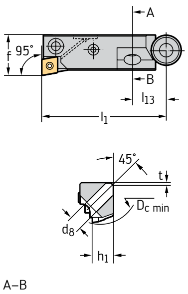
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Precision boring cartridge

Tool

	Designation	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
	FR761	28	16		8,5	45,5			WC .. 06T3 ..
	FR763	28	16		8,5	55,5			WC .. 06T3 ..

Bodies and assembly parts are included in the scope of delivery

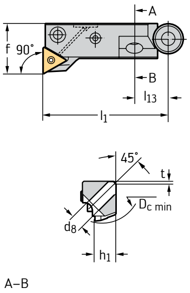
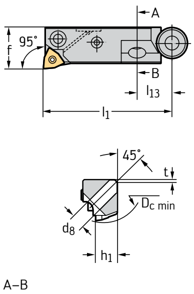
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Precision boring cartridge

Tool

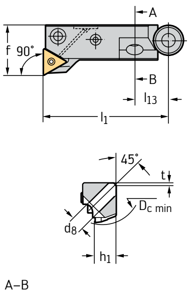
	Designation	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
	FL709	36	20		8,5	45,5			TC .. 1102 ..
	FR709	36	20		8,5	45,5			
	FL711	28	16		8,5	45,5			WC .. 0402 ..
	FR711	28	16		8,5	45,5			

Bodies and assembly parts are included in the scope of delivery

Precision boring cartridge

B 2

Tool

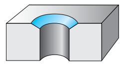
	Designation	D_{cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
	FR760	36	20		8,5	45,5			TC .. 1102 ..

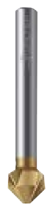
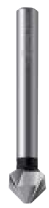
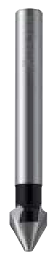
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

HSS core drills and countersinkers

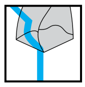


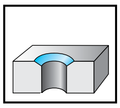
Drilling depth					
					
Designation	E7819	E7818	E6819TIN	E6819	E6818
Additional services					
Standard	DIN 335	DIN 334	DIN 335	DIN 335	DIN 334
Coating / grade	uncoated	uncoated	TIN	uncoated	uncoated
Shank	Morse taper	Morse taper	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3,2–22	4–25	1,5–4,2	1,3–4,2	1,6–6,3
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue	**B 580**	**B 582**	**B 579**	**B 579**	**B 581**
QR code					
www.walter-tools.com/woc/	E7819	E7818	E6819TIN	E6819	E6818

WALTER SELECT ●● Primary application ● Other application

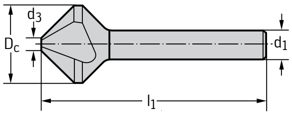
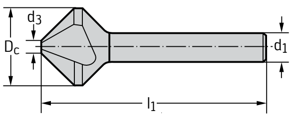
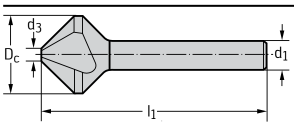
90° HSS countersinkers
E6819 / E6819TIN

DIN 335





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●		●●
TIN	●●	●●	●●	●●	●		●●

Tool	Designation	D_c mm	d_3 mm	l_1 mm	d_1 mm
	E6819-4.3	4,3	1,3	40	4
	E6819-5	5	1,5	40	4
	E6819-5.3	5,3	1,5	40	4
	E6819-5.8	5,8	1,5	45	5
Cylindrical shank	E6819-6	6	1,5	45	5
	E6819-6.3	6,3	1,5	45	5
	E6819-7	7	1,8	50	6
	E6819-7.3	7,3	1,8	50	6
	E6819-8	8	2	50	6
	E6819-8.3	8,3	2	50	6
	E6819-9.4	9,4	2,2	50	6
	E6819-10	10	2,5	50	6
	E6819-10.4	10,4	2,5	50	6
	E6819-11.5	11,5	2,8	56	8
	E6819-12.4	12,4	2,8	56	8
	E6819-13.4	13,4	2,9	56	8
	E6819-15	15	3,2	60	10
	E6819-16.5	16,5	3,2	60	10
	E6819-19	19	3,5	63	10
	E6819-20.5	20,5	3,5	63	10
	E6819-23	23	3,8	67	10
	E6819-25	25	3,8	67	10
	E6819-30	30	4,2	71	12
	E6819-31	31	4,2	71	12
	E6819TIN-6	6	1,5	45	5
	E6819TIN-6.3	6,3	1,5	45	5
	E6819TIN-7	7	1,8	50	6
	E6819TIN-8	8	2	50	6
Cylindrical shank	E6819TIN-8.3	8,3	2	50	6
	E6819TIN-10	10	2,5	50	6
	E6819TIN-10.4	10,4	2,5	50	6
	E6819TIN-11.5	11,5	2,8	56	8
	E6819TIN-12.4	12,4	2,8	56	8
	E6819TIN-15	15	3,2	60	10
	E6819TIN-16.5	16,5	3,2	60	10
	E6819TIN-19	19	3,5	63	10
	E6819TIN-20.5	20,5	3,5	63	10
	E6819TIN-23	23	3,8	67	10
	E6819TIN-25	25	3,8	67	10
Cylindrical shank	E6819TIN-31	31	4,2	71	12

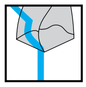
WALTER SELECT

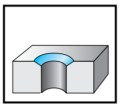
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

90° HSS countersinkers
E7819

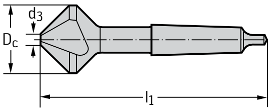
DIN 335





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●		●●

Tool



Morse taper

Designation	D_c mm	d_3 mm	l_1 mm
E7819-15	15	3,2	85
E7819-16.5	16,5	3,2	85
E7819-19	19	3,5	100
E7819-20.5	20,5	3,5	100
E7819-23	23	3,8	106
E7819-25	25	3,8	106
E7819-26	26	3,8	106
E7819-28	28	4	112
E7819-30	30	4,2	112
E7819-31	31	4,2	112
E7819-34	34	4,5	118
E7819-37	37	4,8	118
E7819-40	40	10	140
E7819-50	50	14	150
E7819-63	63	16	180
E7819-80	80	22	190

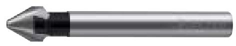
WALTER SELECT

●● Primary application ● Other application

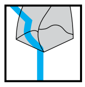
Best tool for → Good = → Average = → Poor = machining conditions

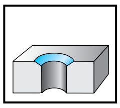
60° HSS countersinkers

E6818



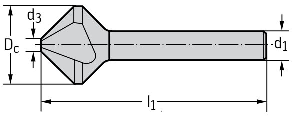
DIN 334





	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●		●●

Tool



Cylindrical shank

Designation	D_c mm	d_3 mm	l_1 mm	d_1 mm
E6818-6.3	6,3	1,6	45	5
E6818-8	8	2	50	6
E6818-12.5	12,5	3,2	56	8
E6818-16	16	4	63	10
E6818-20	20	5	67	10
E6818-25	25	6,3	71	10

B 2

WALTER SELECT

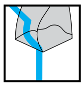
●● Primary application ● Other application

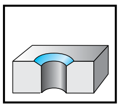
Best tool for → Good = → Average = → Poor = machining conditions

60° HSS countersinkers

E7818

DIN 334

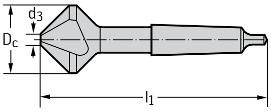




	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●		●●

B 2

Tool



Morse taper

Designation	D_c mm	d_3 mm	l_1 mm	d_1 mm
E7818-16	16	4	90	
E7818-20	20	5	106	
E7818-25	25	6,3	112	
E7818-31.5	31,5	10	118	
E7818-40	40	12,5	150	
E7818-50	50	16	160	
E7818-63	63	20	190	
E7818-80	80	25	200	

WALTER SELECT

●● Primary application ● Other application

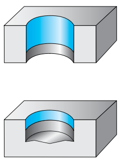
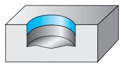
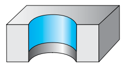
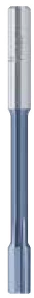
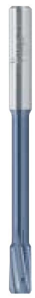
Best tool for → Good = → Average = → Poor = machining conditions

B – Drilling

B3: Reaming

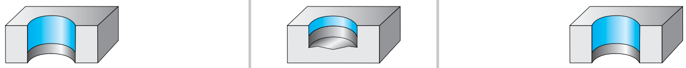
Solid carbide and HSS reamers

Solid carbide and HSS reamers

					
Drilling depth					
					
Designation	F3234	F3234	F2482TMS	F2482	F2481TMS
Additional services					
Standard	DIN 2179	DIN 2179	Walter	Walter	Walter
Coating / grade	uncoated	uncoated	TMS	uncoated	TMS
Shank	Cylindrical shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	2–12	1–1,5	3,97–20	3,97–20	3,97–20
P Steel	●●	●●	●●	●	●●
M Stainless steel					
K Cast iron	●●	●●	●●	●	●●
N NF metals	●●	●●		●●	
S Materials with difficult cutting properties					
H Hard materials					
O Other	●●	●●		●●	
Page in catalogue	**B 627**	**B 627**	**B 590**	**B 590**	**B 593**
QR code					
www.walter-tools.com/woc/	F3234	F3234	F2482TMS	F2482	F2481TMS

WALTER SELECT ●● Primary application ● Other application

Solid carbide and HSS reamers

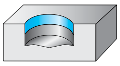
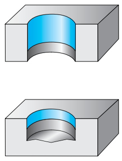
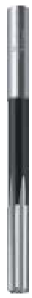
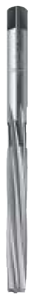
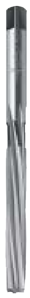


Drilling depth					

Designation	F2481	F2171	F2162	F1352HUN	F1352
Additional services					
Standard	Walter	Walter	Walter	DIN 212	DIN 212
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3,97–20	2–20	4–20	0,95–12	0,9–20
P Steel	●	●●	●●	●●	●●
M Stainless steel		●●	●●		
K Cast iron	●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties		●●	●●		
H Hard materials		●	●		
O Other	●●	●●	●●	●●	●●
Page in catalogue	**B 593**	**B 596**	**B 597**	**B 598**	**B 621**
QR code					
www.walter-tools.com/woc/	F2481	F2171	F2162	F1352HUN	F1352

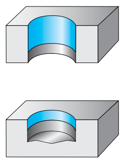
WALTER SELECT ●● **Primary application** ● **Other application**

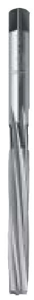
Solid carbide and HSS reamers

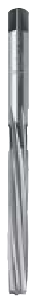
					
Drilling depth					
					
Designation	F1342	F1231	F1231	F1131	F1131
Additional services					
Standard	DIN 212	DIN 859	DIN 859	DIN 206	DIN 206
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank		Parallel shank		Parallel shank
Diameter range [mm]	1–20	8–28	13–30	1,6–32	1,5–30
P Steel	●●	●●	●●	●●	●●
M Stainless steel					
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue	**B 624**	**B 628**	**B 628**	**B 629**	**B 629**
QR code					
www.walter-tools.com/woc/	F1342	F1231	F1231	F1131	F1131

WALTER SELECT ●● Primary application ● Other application

Solid carbide and HSS reamers



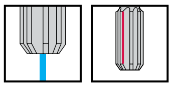


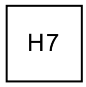


Drilling depth		
Designation	F1131	F1131
Additional services		
Standard	DIN 206	DIN 206
Coating / grade	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	4,8–12,5	1–1,4
P Steel	●●	●●
M Stainless steel		
K Cast iron	●●	●●
N NF metals	●●	●●
S Materials with difficult cutting properties		
H Hard materials		
O Other	●●	●●
Page in catalogue	**B 629**	**B 629**
QR code		
www.walter-tools.com/woc/	F1131	F1131

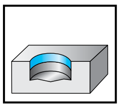
WALTER SELECT ●● **Primary application** ● **Other application**

Solid carbide HSC reamers
F2482 / F2482TMS



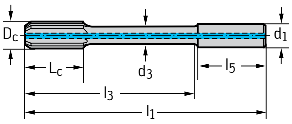


– Tolerance for 1/100 size: +0.004 mm



	P	M	K	N	S	H	O
uncoated	●		●	●●			●●
TMS	●●		●●	●●			●●

Tool



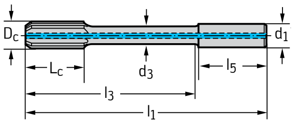
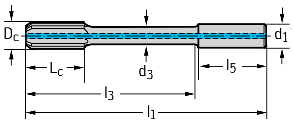
DIN 6535 HA

Designation	D_c mm	L_c mm	l_1 mm	l_3 mm	l_5 mm	h6	d_3 mm	Z
F2482-3.97	3,97	12	75	34	36	6	3,5	4
F2482-3.98	3,98	12	75	34	36	6	3,5	4
F2482-3.99	3,99	12	75	34	36	6	3,5	4
F2482-4	4	12	75	34	36	6	3,5	4
F2482-4.01	4,01	12	75	34	36	6	3,5	4
F2482-4.02	4,02	12	75	34	36	6	3,5	4
F2482-4.03	4,03	12	75	34	36	6	3,5	4
F2482-4.5	4,5	12	75	34	36	6	4	4
F2482-4.97	4,97	12	75	35	36	6	4,4	4
F2482-4.98	4,98	12	75	35	36	6	4,4	4
F2482-4.99	4,99	12	75	35	36	6	4,4	4
F2482-5	5	12	75	35	36	6	4,4	4
F2482-5.01	5,01	12	75	35	36	6	4,4	4
F2482-5.02	5,02	12	75	35	36	6	4,4	4
F2482-5.03	5,03	12	75	35	36	6	4,4	4
F2482-5.5	5,5	12	75	35	36	6	4,9	4
F2482-5.97	5,97	12	75	35	36	6	5,3	4
F2482-5.98	5,98	12	75	35	36	6	5,3	4
F2482-5.99	5,99	12	75	35	36	6	5,3	4
F2482-6	6	12	75	35	36	6	5,3	4
F2482-6.01	6,01	12	75	35	36	6	5,3	4
F2482-6.02	6,02	12	75	35	36	6	5,3	4
F2482-6.03	6,03	12	75	35	36	6	5,3	4
F2482-6.5	6,5	16	100	59	36	8	5,7	6
F2482-7	7	16	100	59	36	8	6,2	6
F2482-7.5	7,5	16	100	60	36	8	6,7	6
F2482-7.97	7,97	16	100	60	36	8	7,2	6
F2482-7.98	7,98	16	100	60	36	8	7,2	6
F2482-7.99	7,99	16	100	60	36	8	7,2	6
F2482-8	8	16	100	60	36	8	7,2	6
F2482-8.01	8,01	16	100	60	36	8	7,2	6
F2482-8.02	8,02	16	100	60	36	8	7,2	6
F2482-8.03	8,03	16	100	60	36	8	7,2	6
F2482-8.5	8,5	20	100	55	40	10	7,7	6
F2482-9	9	20	100	55	40	10	8,2	6

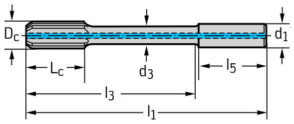
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

Tool	Designation	D_c mm	L_c mm	l_1 mm	l_3 mm	l_5 mm	h6	d_3 mm	Z
	F2482-9.5	9,5	20	120	76	40	10	8,7	6
DIN 6535 HA	F2482-9.97	9,97	20	120	76	40	10	9	6
	F2482-9.98	9,98	20	120	76	40	10	9	6
	F2482-9.99	9,99	20	120	76	40	10	9	6
	F2482-10	10	20	120	76	40	10	9	6
	F2482-10.01	10,01	20	120	76	40	10	9	6
	F2482-10.02	10,02	20	120	76	40	10	9	6
	F2482-10.03	10,03	20	120	76	40	10	9	6
	F2482-10.5	10,5	20	120	70	45	12	9,5	6
	F2482-11	11	20	120	70	45	12	10	6
	F2482-11.5	11,5	20	120	71	45	12	10,5	6
	F2482-11.97	11,97	20	120	71	45	12	11	6
	F2482-11.98	11,98	20	120	71	45	12	11	6
	F2482-11.99	11,99	20	120	71	45	12	11	6
	F2482-12	12	20	120	71	45	12	11	6
	F2482-12.01	12,01	20	120	71	45	12	11	6
	F2482-12.02	12,02	20	120	71	45	12	11	6
	F2482-12.03	12,03	20	120	71	45	12	11	6
	F2482-13	13	22	130	80	45	14	11,5	6
	F2482-14	14	22	130	80	45	14	12,5	6
	F2482-15	15	22	130	77	48	16	13,5	6
	F2482-16	16	25	150	97	48	16	14,2	6
	F2482-17	17	25	150	97	48	18	15,2	8
	F2482-18	18	25	150	97	48	18	16,2	8
	F2482-19	19	25	150	95	50	20	17,2	8
	F2482-20	20	25	150	95	50	20	18,2	8
	F2482-3.97	3,97	12	75	34	36	6	3,5	4
DIN 6535 HA	F2482-3.98	3,98	12	75	34	36	6	3,5	4
	F2482-3.99	3,99	12	75	34	36	6	3,5	4
	F2482-4	4	12	75	34	36	6	3,5	4
	F2482-4.01	4,01	12	75	34	36	6	3,5	4
	F2482-4.02	4,02	12	75	34	36	6	3,5	4
	F2482-4.03	4,03	12	75	34	36	6	3,5	4
	F2482-4.5	4,5	12	75	34	36	6	4	4
	F2482-4.97	4,97	12	75	35	36	6	4,4	4
	F2482-4.98	4,98	12	75	35	36	6	4,4	4
	F2482-4.99	4,99	12	75	35	36	6	4,4	4
	F2482-5	5	12	75	35	36	6	4,4	4
	F2482-5.01	5,01	12	75	35	36	6	4,4	4
	F2482-5.02	5,02	12	75	35	36	6	4,4	4
	F2482-5.03	5,03	12	75	35	36	6	4,4	4
	F2482-5.5	5,5	12	75	35	36	6	4,9	4
	F2482-5.97	5,97	12	75	35	36	6	5,3	4
	F2482-5.98	5,98	12	75	35	36	6	5,3	4
	F2482-5.99	5,99	12	75	35	36	6	5,3	4
	F2482-6	6	12	75	35	36	6	5,3	4
	F2482-6.01	6,01	12	75	35	36	6	5,3	4
	F2482-6.02	6,02	12	75	35	36	6	5,3	4

Tool

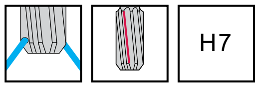


DIN 6535 HA

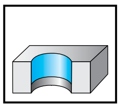
Designation	D_c mm	L_c mm	l_1 mm	l_3 mm	l_5 mm	h6	d_3 mm	Z
F2482-6.03	6,03	12	75	35	36	6	5,3	4
F2482-6.5	6,5	16	100	59	36	8	5,7	6
F2482-7	7	16	100	59	36	8	6,2	6
F2482-7.5	7,5	16	100	60	36	8	6,7	6
F2482-7.97	7,97	16	100	60	36	8	7,2	6
F2482-7.98	7,98	16	100	60	36	8	7,2	6
F2482-7.99	7,99	16	100	60	36	8	7,2	6
F2482-8	8	16	100	60	36	8	7,2	6
F2482-8.01	8,01	16	100	60	36	8	7,2	6
F2482-8.02	8,02	16	100	60	36	8	7,2	6
F2482-8.03	8,03	16	100	60	36	8	7,2	6
F2482-8.5	8,5	20	100	55	40	10	7,7	6
F2482-9	9	20	100	55	40	10	8,2	6
F2482-9.5	9,5	20	120	76	40	10	8,7	6
F2482-9.97	9,97	20	120	76	40	10	9	6
F2482-9.98	9,98	20	120	76	40	10	9	6
F2482-9.99	9,99	20	120	76	40	10	9	6
F2482-10	10	20	120	76	40	10	9	6
F2482-10.01	10,01	20	120	76	40	10	9	6
F2482-10.02	10,02	20	120	76	40	10	9	6
F2482-10.03	10,03	20	120	76	40	10	9	6
F2482-10.5	10,5	20	120	70	45	12	9,5	6
F2482-11	11	20	120	70	45	12	10	6
F2482-11.5	11,5	20	120	71	45	12	10,5	6
F2482-11.97	11,97	20	120	71	45	12	11	6
F2482-11.98	11,98	20	120	71	45	12	11	6
F2482-11.99	11,99	20	120	71	45	12	11	6
F2482-12	12	20	120	71	45	12	11	6
F2482-12.01	12,01	20	120	71	45	12	11	6
F2482-12.02	12,02	20	120	71	45	12	11	6
F2482-12.03	12,03	20	120	71	45	12	11	6
F2482-13	13	22	130	80	45	14	11,5	6
F2482-14	14	22	130	80	45	14	12,5	6
F2482-15	15	22	130	77	48	16	13,5	6
F2482-16	16	25	150	97	48	16	14,2	6
F2482-17	17	25	150	97	48	18	15,2	8
F2482-18	18	25	150	97	48	18	16,2	8
F2482-19	19	25	150	95	50	20	17,2	8
F2482-20	20	25	150	95	50	20	18,2	8

B 3

Solid carbide HSC reamers
F2481 / F2481TMS

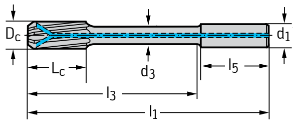


– Tolerance for 1/100 size: +0.004 mm



	P	M	K	N	S	H	O
uncoated	●		●	●●			●●
TMS	●●		●●	●●			●●

Tool



DIN 6535 HA

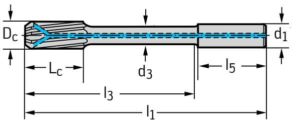
Designation	D_c mm	L_c mm	l_1 mm	l_3 mm	l_5 mm	h6	d_3 mm	Z
F2481-3.97	3,97	12	75	34	36	6	3,4	4
F2481-3.98	3,98	12	75	34	36	6	3,4	4
F2481-3.99	3,99	12	75	34	36	6	3,4	4
F2481-4	4	12	75	34	36	6	3,4	4
F2481-4.01	4,01	12	75	34	36	6	3,4	4
F2481-4.02	4,02	12	75	34	36	6	3,4	4
F2481-4.03	4,03	12	75	34	36	6	3,4	4
F2481-4.5	4,5	12	75	34	36	6	3,4	4
F2481-4.97	4,97	12	75	35	36	6	3,8	4
F2481-4.98	4,98	12	75	35	36	6	3,8	4
F2481-4.99	4,99	12	75	35	36	6	3,8	4
F2481-5	5	12	75	35	36	6	3,8	4
F2481-5.01	5,01	12	75	35	36	6	3,8	4
F2481-5.02	5,02	12	75	35	36	6	3,8	4
F2481-5.03	5,03	12	75	35	36	6	3,8	4
F2481-5.5	5,5	12	75	35	36	6	4,2	4
F2481-5.97	5,97	12	75	35	36	6	4,5	4
F2481-5.98	5,98	12	75	35	36	6	4,5	4
F2481-5.99	5,99	12	75	35	36	6	4,5	4
F2481-6	6	12	75	35	36	6	4,5	4
F2481-6.01	6,01	12	75	35	36	6	4,5	4
F2481-6.02	6,02	12	75	35	36	6	4,5	4
F2481-6.03	6,03	12	75	35	36	6	4,5	4
F2481-6.5	6,5	16	100	59	36	8	4,8	6
F2481-7	7	16	100	59	36	8	5	6
F2481-7.5	7,5	16	100	60	36	8	5,5	6
F2481-7.97	7,97	16	100	60	36	8	6	6
F2481-7.98	7,98	16	100	60	36	8	6	6
F2481-7.99	7,99	16	100	60	36	8	6	6
F2481-8	8	16	100	60	36	8	6	6
F2481-8.01	8,01	16	100	60	36	8	6	6
F2481-8.02	8,02	16	100	60	36	8	6	6
F2481-8.03	8,03	16	100	60	36	8	6	6
F2481-8.5	8,5	20	100	55	40	10	6,5	6
F2481-9	9	20	100	55	40	10	7	6

WALTER SELECT

●● Primary application ● Other application

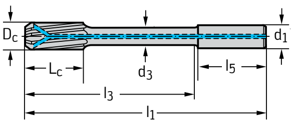
Best tool for → Good = → Average = → Poor = machining conditions

Tool



DIN 6535 HA

Designation	D_c mm	L_c mm	l_1 mm	l_3 mm	l_5 mm	h6	d_3 mm	Z
F2481-9.5	9,5	20	120	76	40	10	7,5	6
F2481-9.97	9,97	20	120	76	40	10	7,5	6
F2481-9.98	9,98	20	120	76	40	10	7,5	6
F2481-9.99	9,99	20	120	76	40	10	7,5	6
F2481-10	10	20	120	76	40	10	7,5	6
F2481-10.01	10,01	20	120	76	40	10	7,5	6
F2481-10.02	10,02	20	120	76	40	10	7,5	6
F2481-10.03	10,03	20	120	76	40	10	7,5	6
F2481-10.5	10,5	20	120	70	45	12	8	6
F2481-11	11	20	120	70	45	12	8,5	6
F2481-11.5	11,5	20	120	71	45	12	8,5	6
F2481-11.97	11,97	20	120	71	45	12	9	6
F2481-11.98	11,98	20	120	71	45	12	9	6
F2481-11.99	11,99	20	120	71	45	12	9	6
F2481-12	12	20	120	71	45	12	9	6
F2481-12.01	12,01	20	120	71	45	12	9	6
F2481-12.02	12,02	20	120	71	45	12	9	6
F2481-12.03	12,03	20	120	71	45	12	9	6
F2481-13	13	22	130	80	45	14	10	6
F2481-14	14	22	130	80	45	14	10,5	6
F2481-15	15	22	130	77	48	16	11,5	6
F2481-16	16	25	150	97	48	16	12	6
F2481-17	17	25	150	97	48	18	13	8
F2481-18	18	25	150	97	48	18	13,5	8
F2481-19	19	25	150	95	50	20	14	8
F2481-20	20	25	150	95	50	20	14,5	8

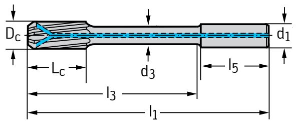


DIN 6535 HA

Designation	D_c mm	L_c mm	l_1 mm	l_3 mm	l_5 mm	h6	d_3 mm	Z
F2481-3.97	3,97	12	75	34	36	6	3,4	4
F2481-3.98	3,98	12	75	34	36	6	3,4	4
F2481-3.99	3,99	12	75	34	36	6	3,4	4
F2481-4	4	12	75	34	36	6	3,4	4
F2481-4.01	4,01	12	75	34	36	6	3,4	4
F2481-4.02	4,02	12	75	34	36	6	3,4	4
F2481-4.03	4,03	12	75	34	36	6	3,4	4
F2481-4.5	4,5	12	75	34	36	6	3,4	4
F2481-4.97	4,97	12	75	35	36	6	3,8	4
F2481-4.98	4,98	12	75	35	36	6	3,8	4
F2481-4.99	4,99	12	75	35	36	6	3,8	4
F2481-5	5	12	75	35	36	6	3,8	4
F2481-5.01	5,01	12	75	35	36	6	3,8	4
F2481-5.02	5,02	12	75	35	36	6	3,8	4
F2481-5.03	5,03	12	75	35	36	6	3,8	4
F2481-5.5	5,5	12	75	35	36	6	4,2	4
F2481-5.97	5,97	12	75	35	36	6	4,5	4
F2481-5.98	5,98	12	75	35	36	6	4,5	4
F2481-5.99	5,99	12	75	35	36	6	4,5	4
F2481-6	6	12	75	35	36	6	4,5	4
F2481-6.01	6,01	12	75	35	36	6	4,5	4
F2481-6.02	6,02	12	75	35	36	6	4,5	4

B 3

Tool



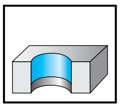
DIN 6535 HA

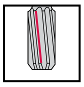
Designation	D_c mm	L_c mm	l_1 mm	l_3 mm	l_5 mm	h6	d_3 mm	Z
F2481-6.03	6,03	12	75	35	36	6	4,5	4
F2481-6.5	6,5	16	100	59	36	8	4,8	6
F2481-7	7	16	100	59	36	8	5	6
F2481-7.5	7,5	16	100	60	36	8	5,5	6
F2481-7.97	7,97	16	100	60	36	8	6	6
F2481-7.98	7,98	16	100	60	36	8	6	6
F2481-7.99	7,99	16	100	60	36	8	6	6
F2481-8	8	16	100	60	36	8	6	6
F2481-8.01	8,01	16	100	60	36	8	6	6
F2481-8.02	8,02	16	100	60	36	8	6	6
F2481-8.03	8,03	16	100	60	36	8	6	6
F2481-8.5	8,5	20	100	55	40	10	6,5	6
F2481-9	9	20	100	55	40	10	7	6
F2481-9.5	9,5	20	120	76	40	10	7,5	6
F2481-9.97	9,97	20	120	76	40	10	7,5	6
F2481-9.98	9,98	20	120	76	40	10	7,5	6
F2481-9.99	9,99	20	120	76	40	10	7,5	6
F2481-10	10	20	120	76	40	10	7,5	6
F2481-10.01	10,01	20	120	76	40	10	7,5	6
F2481-10.02	10,02	20	120	76	40	10	7,5	6
F2481-10.03	10,03	20	120	76	40	10	7,5	6
F2481-10.5	10,5	20	120	70	45	12	8	6
F2481-11	11	20	120	70	45	12	8,5	6
F2481-11.5	11,5	20	120	71	45	12	8,5	6
F2481-11.97	11,97	20	120	71	45	12	9	6
F2481-11.98	11,98	20	120	71	45	12	9	6
F2481-11.99	11,99	20	120	71	45	12	9	6
F2481-12	12	20	120	71	45	12	9	6
F2481-12.01	12,01	20	120	71	45	12	9	6
F2481-12.02	12,02	20	120	71	45	12	9	6
F2481-12.03	12,03	20	120	71	45	12	9	6
F2481-13	13	22	130	80	45	14	10	6
F2481-14	14	22	130	80	45	14	10,5	6
F2481-15	15	22	130	77	48	16	11,5	6
F2481-16	16	25	150	97	48	16	12	6
F2481-17	17	25	150	97	48	18	13	8
F2481-18	18	25	150	97	48	18	13,5	8
F2481-19	19	25	150	95	50	20	14	8
F2481-20	20	25	150	95	50	20	14,5	8

B 3

Carbide machine reamers
F2171

– Up to dia. 13 mm solid carbide, greater than dia. 13 mm solid carbide head

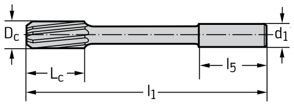




H7

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●	●●

Tool



DIN 6535 HA

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h6	Z
F2171-2	2	12	49	28	4	4
F2171-2.5	2,5	16	59	28	4	4
F2171-3	3	17	63	28	4	6
F2171-3.2	3,2	18	65	28	4	6
F2171-3.5	3,5	18	70	28	4	6
F2171-4	4	19	75	28	4	6
F2171-4.5	4,5	21	80	36	6	6
F2171-5	5	23	86	36	6	6
F2171-5.5	5,5	26	93	36	6	6
F2171-6	6	26	93	36	6	6
F2171-6.5	6,5	28	101	36	6	6
F2171-7	7	31	109	36	8	6
F2171-7.5	7,5	31	109	36	8	6
F2171-8	8	33	117	36	8	6
F2171-8.5	8,5	33	117	36	8	6
F2171-9	9	36	125	40	10	6
F2171-10	10	38	133	40	10	6
F2171-11	11	41	142	45	12	6
F2171-12	12	44	151	45	12	6
F2171-13	13	44	151	45	12	6
F2171-14	14	47	160	48	16	8
F2171-15	15	50	162	48	16	8
F2171-16	16	52	170	48	16	8
F2171-18	18	52	182	48	18	8
F2171-20	20	52	195	50	20	8

Dimensions similar to DIN 8093

WALTER SELECT

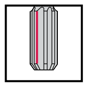
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

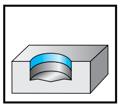
Carbide machine reamers

F2162

– Up to dia. 13 mm solid carbide, greater than dia. 13 mm solid carbide head

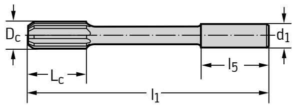


H7



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●	●●

Tool



DIN 6535 HA

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h6	Z
F2162-4	4	19	75	28	4	6
F2162-4.5	4,5	21	80	36	6	6
F2162-5	5	23	86	36	6	6
F2162-5.5	5,5	26	93	36	6	6
F2162-6	6	26	93	36	6	6
F2162-6.5	6,5	28	101	36	6	6
F2162-7	7	31	109	36	8	6
F2162-7.5	7,5	31	109	36	8	6
F2162-8	8	33	117	36	8	6
F2162-8.5	8,5	33	117	36	8	6
F2162-9	9	36	125	40	10	6
F2162-9.5	9,5	36	125	40	10	6
F2162-10	10	38	133	40	10	6
F2162-11	11	41	142	45	12	6
F2162-12	12	44	151	45	12	6
F2162-13	13	44	151	45	12	6
F2162-14	14	47	160	48	16	8
F2162-15	15	50	162	48	16	8
F2162-16	16	52	170	48	16	8
F2162-17	17	52	175	48	18	8
F2162-18	18	52	182	48	18	8
F2162-20	20	52	195	50	20	8

Dimensions similar to DIN 8093

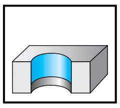
WALTER SELECT

●● Primary application ● Other application

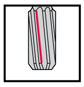
Best tool for → Good = → Average = → Poor = machining conditions

HSS machine reamers
F1352HUN

– Walter standard up to dia. 3.75 mm with centring tips
– Diameter increment = 0.01 mm

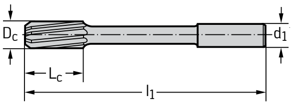


DIN 212



	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●●

Tool



Cylindrical shank

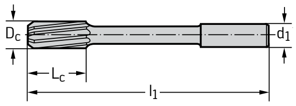
Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-0.95	0,95	6	34	19	1	3
F1352HUN-0.97	0,97	6	34	19	1	3
F1352HUN-0.98	0,98	6	34	19	1	3
F1352HUN-0.99	0,99	6	34	19	1	3
F1352HUN-1	1	6	34	19	1	3
F1352HUN-1.01	1,01	6	34	19	1	3
F1352HUN-1.02	1,02	6	34	19	1	3
F1352HUN-1.03	1,03	6	34	19	1	3
F1352HUN-1.04	1,04	6	34	19	1	3
F1352HUN-1.05	1,05	6	34	19	1	3
F1352HUN-1.06	1,06	6	34	19	1	3
F1352HUN-1.07	1,07	7	36	20,5	1	3
F1352HUN-1.08	1,08	7	36	20,5	1	3
F1352HUN-1.09	1,09	7	36	20,5	1	3
F1352HUN-1.11	1,11	7	36	20,5	1	3
F1352HUN-1.12	1,12	7	36	20,5	1	3
F1352HUN-1.13	1,13	7	36	20,5	1	3
F1352HUN-1.14	1,14	7	36	20,5	1	3
F1352HUN-1.15	1,15	7	36	20,5	1	3
F1352HUN-1.16	1,16	7	36	20,5	1	3
F1352HUN-1.17	1,17	7	36	20,5	1	3
F1352HUN-1.18	1,18	7	36	20,5	1	3
F1352HUN-1.19	1,19	8	38	21,5	1	3
F1352HUN-1.2	1,2	8	38	21,5	1	3
F1352HUN-1.21	1,21	8	38	21,5	1	3
F1352HUN-1.22	1,22	8	38	21,5	1	3
F1352HUN-1.23	1,23	8	38	21,5	1	3
F1352HUN-1.24	1,24	8	38	21,5	1	3
F1352HUN-1.25	1,25	8	38	21,5	1	3
F1352HUN-1.26	1,26	8	38	21,5	1	3
F1352HUN-1.27	1,27	8	38	21,5	1	3
F1352HUN-1.28	1,28	8	38	21,5	1	3
F1352HUN-1.29	1,29	8	38	21,5	1	3
F1352HUN-1.3	1,3	8	38	21,5	1	3
F1352HUN-1.31	1,31	8	38	21,5	1	3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool

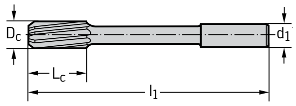


Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-1.32	1,32	8	38	21,5	1	3
F1352HUN-1.33	1,33	8	40	22	1	3
F1352HUN-1.34	1,34	8	40	22	1	3
F1352HUN-1.35	1,35	8	40	22	1	3
F1352HUN-1.36	1,36	8	40	22	1	3
F1352HUN-1.37	1,37	8	40	22	1	3
F1352HUN-1.38	1,38	8	40	22	1	3
F1352HUN-1.39	1,39	8	40	22	1	3
F1352HUN-1.4	1,4	8	40	22	1	3
F1352HUN-1.41	1,41	8	40	22	1	3
F1352HUN-1.42	1,42	8	40	22	1	3
F1352HUN-1.43	1,43	8	40	22	1	3
F1352HUN-1.44	1,44	8	40	22	1	3
F1352HUN-1.45	1,45	8	40	22	1	3
F1352HUN-1.46	1,46	8	40	22	1	3
F1352HUN-1.47	1,47	8	40	22	1	3
F1352HUN-1.48	1,48	8	40	22	1	3
F1352HUN-1.49	1,49	8	40	22	1	3
F1352HUN-1.5	1,5	8	40	22	1	3
F1352HUN-1.51	1,51	9	43	23	2	3
F1352HUN-1.52	1,52	9	43	23	2	3
F1352HUN-1.53	1,53	9	43	23	2	3
F1352HUN-1.54	1,54	9	43	23	2	3
F1352HUN-1.55	1,55	9	43	23	2	3
F1352HUN-1.56	1,56	9	43	23	2	3
F1352HUN-1.57	1,57	9	43	23	2	3
F1352HUN-1.58	1,58	9	43	23	2	3
F1352HUN-1.59	1,59	9	43	23	2	3
F1352HUN-1.6	1,6	9	43	23	2	3
F1352HUN-1.61	1,61	9	43	23	2	3
F1352HUN-1.62	1,62	9	43	23	2	3
F1352HUN-1.63	1,63	9	43	23	2	3
F1352HUN-1.64	1,64	9	43	23	2	3
F1352HUN-1.65	1,65	9	43	23	2	3
F1352HUN-1.66	1,66	9	43	23	2	3
F1352HUN-1.67	1,67	9	43	23	2	3
F1352HUN-1.68	1,68	9	43	23	2	3
F1352HUN-1.69	1,69	9	43	23	2	3
F1352HUN-1.7	1,7	9	43	23	2	3
F1352HUN-1.71	1,71	10	46	24	2	4
F1352HUN-1.72	1,72	10	46	24	2	4
F1352HUN-1.73	1,73	10	46	24	2	4
F1352HUN-1.74	1,74	10	46	24	2	4
F1352HUN-1.75	1,75	10	46	24	2	4
F1352HUN-1.76	1,76	10	46	24	2	4
F1352HUN-1.77	1,77	10	46	24	2	4
F1352HUN-1.78	1,78	10	46	24	2	4
F1352HUN-1.79	1,79	10	46	24	2	4

B 3

Tool

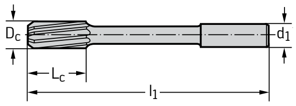


Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-1.8	1,8	10	46	24	2	4
F1352HUN-1.81	1,81	10	46	24	2	4
F1352HUN-1.82	1,82	10	46	24	2	4
F1352HUN-1.83	1,83	10	46	24	2	4
F1352HUN-1.84	1,84	10	46	24	2	4
F1352HUN-1.85	1,85	10	46	24	2	4
F1352HUN-1.86	1,86	10	46	24	2	4
F1352HUN-1.87	1,87	10	46	24	2	4
F1352HUN-1.88	1,88	10	46	24	2	4
F1352HUN-1.89	1,89	10	46	24	2	4
F1352HUN-1.9	1,9	10	46	24	2	4
F1352HUN-1.91	1,91	11	49	25	2	4
F1352HUN-1.92	1,92	11	49	25	2	4
F1352HUN-1.93	1,93	11	49	25	2	4
F1352HUN-1.94	1,94	11	49	25	2	4
F1352HUN-1.95	1,95	11	49	25	2	4
F1352HUN-1.96	1,96	11	49	25	2	4
F1352HUN-1.97	1,97	11	49	25	2	4
F1352HUN-1.98	1,98	11	49	25	2	4
F1352HUN-1.99	1,99	11	49	25	2	4
F1352HUN-2	2	11	49	25	2	4
F1352HUN-2.01	2,01	11	49	25	2	4
F1352HUN-2.02	2,02	11	49	25	2	4
F1352HUN-2.03	2,03	11	49	25	2	4
F1352HUN-2.04	2,04	11	49	25	2	4
F1352HUN-2.05	2,05	11	49	25	2	4
F1352HUN-2.06	2,06	11	49	25	2	4
F1352HUN-2.07	2,07	11	49	25	2	4
F1352HUN-2.08	2,08	11	49	25	2	4
F1352HUN-2.09	2,09	11	49	25	2	4
F1352HUN-2.1	2,1	11	49	25	2	4
F1352HUN-2.11	2,11	11	49	25	2	4
F1352HUN-2.12	2,12	11	49	25	2	4
F1352HUN-2.13	2,13	12	53	27	2	4
F1352HUN-2.14	2,14	12	53	27	2	4
F1352HUN-2.15	2,15	12	53	27	2	4
F1352HUN-2.16	2,16	12	53	27	2	4
F1352HUN-2.17	2,17	12	53	27	2	4
F1352HUN-2.18	2,18	12	53	27	2	4
F1352HUN-2.19	2,19	12	53	27	2	4
F1352HUN-2.2	2,2	12	53	27	2	4
F1352HUN-2.21	2,21	12	53	27	2	4
F1352HUN-2.22	2,22	12	53	27	2	4
F1352HUN-2.23	2,23	12	53	27	2	4
F1352HUN-2.24	2,24	12	53	27	2	4
F1352HUN-2.25	2,25	12	53	27	2	4
F1352HUN-2.26	2,26	12	53	27	2	4
F1352HUN-2.27	2,27	12	53	27	2	4

B 3

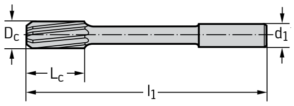
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-2.28	2,28	12	53	27	2	4
F1352HUN-2.29	2,29	12	53	27	2	4
F1352HUN-2.3	2,3	12	53	27	2	4
F1352HUN-2.31	2,31	12	53	27	2	4
F1352HUN-2.32	2,32	12	53	27	2	4
F1352HUN-2.33	2,33	12	53	27	2	4
F1352HUN-2.34	2,34	12	53	27	2	4
F1352HUN-2.35	2,35	12	53	27	2	4
F1352HUN-2.36	2,36	12	53	27	2	4
F1352HUN-2.37	2,37	14	57	29	3	4
F1352HUN-2.38	2,38	14	57	29	3	4
F1352HUN-2.39	2,39	14	57	29	3	4
F1352HUN-2.4	2,4	14	57	29	3	4
F1352HUN-2.41	2,41	14	57	29	3	4
F1352HUN-2.42	2,42	14	57	29	3	4
F1352HUN-2.43	2,43	14	57	29	3	4
F1352HUN-2.44	2,44	14	57	29	3	4
F1352HUN-2.45	2,45	14	57	29	3	4
F1352HUN-2.46	2,46	14	57	29	3	4
F1352HUN-2.47	2,47	14	57	29	3	4
F1352HUN-2.48	2,48	14	57	29	3	4
F1352HUN-2.49	2,49	14	57	29	3	4
F1352HUN-2.5	2,5	14	57	29	3	4
F1352HUN-2.51	2,51	14	57	29	3	4
F1352HUN-2.52	2,52	14	57	29	3	4
F1352HUN-2.53	2,53	14	57	29	3	4
F1352HUN-2.54	2,54	14	57	29	3	4
F1352HUN-2.55	2,55	14	57	29	3	4
F1352HUN-2.56	2,56	14	57	29	3	4
F1352HUN-2.57	2,57	14	57	29	3	4
F1352HUN-2.58	2,58	14	57	29	3	4
F1352HUN-2.59	2,59	14	57	29	3	4
F1352HUN-2.6	2,6	14	57	29	3	4
F1352HUN-2.61	2,61	14	57	29	3	4
F1352HUN-2.62	2,62	14	57	29	3	4
F1352HUN-2.63	2,63	14	57	29	3	4
F1352HUN-2.64	2,64	14	57	29	3	4
F1352HUN-2.65	2,65	14	57	29	3	4
F1352HUN-2.66	2,66	15	61	29	3	6
F1352HUN-2.67	2,67	15	61	29	3	6
F1352HUN-2.68	2,68	15	61	29	3	6
F1352HUN-2.69	2,69	15	61	29	3	6
F1352HUN-2.7	2,7	15	61	29	3	6
F1352HUN-2.71	2,71	15	61	29	3	6
F1352HUN-2.72	2,72	15	61	29	3	6
F1352HUN-2.73	2,73	15	61	29	3	6
F1352HUN-2.74	2,74	15	61	29	3	6
F1352HUN-2.75	2,75	15	61	29	3	6

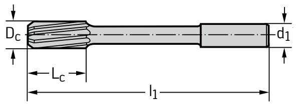
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-2.76	2,76	15	61	29	3	6
F1352HUN-2.77	2,77	15	61	29	3	6
F1352HUN-2.78	2,78	15	61	29	3	6
F1352HUN-2.79	2,79	15	61	29	3	6
F1352HUN-2.8	2,8	15	61	29	3	6
F1352HUN-2.81	2,81	15	61	29	3	6
F1352HUN-2.82	2,82	15	61	29	3	6
F1352HUN-2.83	2,83	15	61	29	3	6
F1352HUN-2.84	2,84	15	61	29	3	6
F1352HUN-2.85	2,85	15	61	29	3	6
F1352HUN-2.86	2,86	15	61	29	3	6
F1352HUN-2.87	2,87	15	61	29	3	6
F1352HUN-2.88	2,88	15	61	29	3	6
F1352HUN-2.89	2,89	15	61	29	3	6
F1352HUN-2.9	2,9	15	61	29	3	6
F1352HUN-2.91	2,91	15	61	29	3	6
F1352HUN-2.92	2,92	15	61	29	3	6
F1352HUN-2.93	2,93	15	61	29	3	6
F1352HUN-2.94	2,94	15	61	29	3	6
F1352HUN-2.95	2,95	15	61	29	3	6
F1352HUN-2.96	2,96	15	61	29	3	6
F1352HUN-2.97	2,97	15	61	29	3	6
F1352HUN-2.98	2,98	15	61	29	3	6
F1352HUN-2.99	2,99	15	61	29	3	6
F1352HUN-3	3	15	61	29	3	6
F1352HUN-3.01	3,01	16	65	30	3	6
F1352HUN-3.02	3,02	16	65	30	3	6
F1352HUN-3.03	3,03	16	65	30	3	6
F1352HUN-3.04	3,04	16	65	30	3	6
F1352HUN-3.05	3,05	16	65	30	3	6
F1352HUN-3.06	3,06	16	65	30	3	6
F1352HUN-3.07	3,07	16	65	30	3	6
F1352HUN-3.08	3,08	16	65	30	3	6
F1352HUN-3.09	3,09	16	65	30	3	6
F1352HUN-3.1	3,1	16	65	30	3	6
F1352HUN-3.11	3,11	16	65	30	3	6
F1352HUN-3.12	3,12	16	65	30	3	6
F1352HUN-3.13	3,13	16	65	30	3	6
F1352HUN-3.14	3,14	16	65	30	3	6
F1352HUN-3.15	3,15	16	65	30	3	6
F1352HUN-3.16	3,16	16	65	30	3	6
F1352HUN-3.17	3,17	16	65	30	3	6
F1352HUN-3.18	3,18	16	65	30	3	6
F1352HUN-3.19	3,19	16	65	30	3	6
F1352HUN-3.2	3,2	16	65	30	3	6
F1352HUN-3.21	3,21	16	65	30	3	6
F1352HUN-3.22	3,22	16	65	30	3	6
F1352HUN-3.23	3,23	16	65	30	3	6

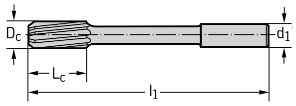
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-3.24	3,24	16	65	30	3	6
F1352HUN-3.25	3,25	16	65	30	3	6
F1352HUN-3.26	3,26	16	65	30	3	6
F1352HUN-3.27	3,27	16	65	30	3	6
F1352HUN-3.28	3,28	16	65	30	3	6
F1352HUN-3.29	3,29	16	65	30	3	6
F1352HUN-3.3	3,3	16	65	30	3	6
F1352HUN-3.31	3,31	16	65	30	3	6
F1352HUN-3.32	3,32	16	65	30	3	6
F1352HUN-3.33	3,33	16	65	30	3	6
F1352HUN-3.34	3,34	16	65	30	3	6
F1352HUN-3.35	3,35	16	65	30	3	6
F1352HUN-3.36	3,36	18	70	30	4	6
F1352HUN-3.37	3,37	18	70	30	4	6
F1352HUN-3.38	3,38	18	70	30	3	6
F1352HUN-3.39	3,39	18	70	30	3	6
F1352HUN-3.4	3,4	18	70	30	4	6
F1352HUN-3.41	3,41	18	70	30	4	6
F1352HUN-3.42	3,42	18	70	30	4	6
F1352HUN-3.43	3,43	18	70	30	4	6
F1352HUN-3.44	3,44	18	70	30	4	6
F1352HUN-3.45	3,45	18	70	30	4	6
F1352HUN-3.46	3,46	18	70	30	4	6
F1352HUN-3.47	3,47	18	70	30	4	6
F1352HUN-3.48	3,48	18	70	30	4	6
F1352HUN-3.49	3,49	18	70	30	4	6
F1352HUN-3.5	3,5	18	70	30	4	6
F1352HUN-3.51	3,51	18	70	30	4	6
F1352HUN-3.52	3,52	18	70	30	4	6
F1352HUN-3.53	3,53	18	70	30	4	6
F1352HUN-3.54	3,54	18	70	30	4	6
F1352HUN-3.55	3,55	18	70	30	4	6
F1352HUN-3.56	3,56	18	70	30	4	6
F1352HUN-3.57	3,57	18	70	30	4	6
F1352HUN-3.58	3,58	18	70	30	4	6
F1352HUN-3.59	3,59	18	70	30	4	6
F1352HUN-3.61	3,61	18	70	30	4	6
F1352HUN-3.62	3,62	18	70	30	4	6
F1352HUN-3.63	3,63	18	70	30	4	6
F1352HUN-3.64	3,64	18	70	30	4	6
F1352HUN-3.65	3,65	18	70	30	4	6
F1352HUN-3.66	3,66	18	70	30	4	6
F1352HUN-3.67	3,67	18	70	30	4	6
F1352HUN-3.68	3,68	18	70	30	4	6
F1352HUN-3.69	3,69	18	70	30	4	6
F1352HUN-3.71	3,71	18	70	30	4	6
F1352HUN-3.72	3,72	18	70	30	4	6
F1352HUN-3.73	3,73	18	70	30	4	6

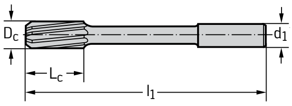
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-3.74	3,74	18	70	30	4	6
F1352HUN-3.75	3,75	18	70	30	4	6
F1352HUN-3.76	3,76	19	75	32	4	6
F1352HUN-3.77	3,77	19	75	32	4	6
F1352HUN-3.78	3,78	19	75	32	4	6
F1352HUN-3.79	3,79	19	75	32	4	6
F1352HUN-3.81	3,81	19	75	32	4	6
F1352HUN-3.82	3,82	19	75	32	4	6
F1352HUN-3.83	3,83	19	75	32	4	6
F1352HUN-3.84	3,84	19	75	32	4	6
F1352HUN-3.85	3,85	19	75	32	4	6
F1352HUN-3.86	3,86	19	75	32	4	6
F1352HUN-3.87	3,87	19	75	32	4	6
F1352HUN-3.88	3,88	19	75	32	4	6
F1352HUN-3.89	3,89	19	75	32	4	6
F1352HUN-3.9	3,9	19	75	32	4	6
F1352HUN-3.91	3,91	19	75	32	4	6
F1352HUN-3.92	3,92	19	75	32	4	6
F1352HUN-3.93	3,93	19	75	32	4	6
F1352HUN-3.94	3,94	19	75	32	4	6
F1352HUN-3.95	3,95	19	75	32	4	6
F1352HUN-3.96	3,96	19	75	32	4	6
F1352HUN-3.97	3,97	19	75	32	4	6
F1352HUN-3.98	3,98	19	75	32	4	6
F1352HUN-3.99	3,99	19	75	32	4	6
F1352HUN-4	4	19	75	32	4	6
F1352HUN-4.01	4,01	19	75	32	4	6
F1352HUN-4.02	4,02	19	75	32	4	6
F1352HUN-4.03	4,03	19	75	32	4	6
F1352HUN-4.04	4,04	19	75	32	4	6
F1352HUN-4.05	4,05	19	75	32	4	6
F1352HUN-4.06	4,06	19	75	32	4	6
F1352HUN-4.07	4,07	19	75	32	4	6
F1352HUN-4.08	4,08	19	75	32	4	6
F1352HUN-4.09	4,09	19	75	32	4	6
F1352HUN-4.1	4,1	19	75	32	4	6
F1352HUN-4.11	4,11	19	75	32	4	6
F1352HUN-4.12	4,12	19	75	32	4	6
F1352HUN-4.13	4,13	19	75	32	4	6
F1352HUN-4.14	4,14	19	75	32	4	6
F1352HUN-4.15	4,15	19	75	32	4	6
F1352HUN-4.16	4,16	19	75	32	4	6
F1352HUN-4.17	4,17	19	75	32	4	6
F1352HUN-4.18	4,18	19	75	32	4	6
F1352HUN-4.19	4,19	19	75	32	4	6
F1352HUN-4.2	4,2	19	75	32	4	6
F1352HUN-4.21	4,21	19	75	32	4	6
F1352HUN-4.22	4,22	19	75	32	4	6

Tool

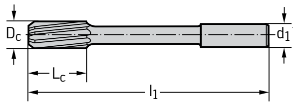


Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-4.23	4,23	19	75	32	4	6
F1352HUN-4.24	4,24	19	75	32	4	6
F1352HUN-4.25	4,25	19	75	32	4	6
F1352HUN-4.26	4,26	21	80	33	5	6
F1352HUN-4.27	4,27	21	80	33	5	6
F1352HUN-4.28	4,28	21	80	33	5	6
F1352HUN-4.29	4,29	21	80	33	5	6
F1352HUN-4.3	4,3	21	80	33	5	6
F1352HUN-4.31	4,31	21	80	33	5	6
F1352HUN-4.32	4,32	21	80	33	5	6
F1352HUN-4.33	4,33	21	80	33	5	6
F1352HUN-4.34	4,34	21	80	33	5	6
F1352HUN-4.35	4,35	21	80	33	5	6
F1352HUN-4.36	4,36	21	80	33	5	6
F1352HUN-4.37	4,37	21	80	33	5	6
F1352HUN-4.38	4,38	21	80	33	5	6
F1352HUN-4.39	4,39	21	80	33	5	6
F1352HUN-4.41	4,41	21	80	33	5	6
F1352HUN-4.42	4,42	21	80	33	5	6
F1352HUN-4.43	4,43	21	80	33	5	6
F1352HUN-4.44	4,44	21	80	33	5	6
F1352HUN-4.45	4,45	21	80	33	5	6
F1352HUN-4.46	4,46	21	80	33	5	6
F1352HUN-4.47	4,47	21	80	33	5	6
F1352HUN-4.48	4,48	21	80	33	5	6
F1352HUN-4.49	4,49	21	80	33	5	6
F1352HUN-4.5	4,5	21	80	33	5	6
F1352HUN-4.51	4,51	21	80	33	5	6
F1352HUN-4.52	4,52	21	80	33	5	6
F1352HUN-4.53	4,53	21	80	33	5	6
F1352HUN-4.54	4,54	21	80	33	5	6
F1352HUN-4.55	4,55	21	80	33	5	6
F1352HUN-4.56	4,56	21	80	33	5	6
F1352HUN-4.57	4,57	21	80	33	5	6
F1352HUN-4.58	4,58	21	80	33	5	6
F1352HUN-4.59	4,59	21	80	33	5	6
F1352HUN-4.61	4,61	21	80	33	5	6
F1352HUN-4.62	4,62	21	80	33	5	6
F1352HUN-4.63	4,63	21	80	33	5	6
F1352HUN-4.64	4,64	21	80	33	5	6
F1352HUN-4.65	4,65	21	80	33	5	6
F1352HUN-4.66	4,66	21	80	33	5	6
F1352HUN-4.67	4,67	21	80	33	5	6
F1352HUN-4.68	4,68	21	80	33	5	6
F1352HUN-4.69	4,69	21	80	33	5	6
F1352HUN-4.71	4,71	21	80	33	5	6
F1352HUN-4.72	4,72	21	80	33	5	6
F1352HUN-4.73	4,73	21	80	33	5	6

B 3

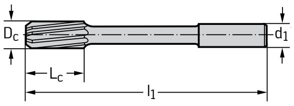
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-4.74	4,74	21	80	33	5	6
F1352HUN-4.75	4,75	21	80	33	5	6
F1352HUN-4.76	4,76	23	86	34	5	6
F1352HUN-4.77	4,77	23	86	34	5	6
F1352HUN-4.78	4,78	23	86	34	5	6
F1352HUN-4.79	4,79	23	86	34	5	6
F1352HUN-4.8	4,8	23	86	34	5	6
F1352HUN-4.81	4,81	23	86	34	5	6
F1352HUN-4.82	4,82	23	86	34	5	6
F1352HUN-4.83	4,83	23	86	34	5	6
F1352HUN-4.84	4,84	23	86	34	5	6
F1352HUN-4.85	4,85	23	86	34	5	6
F1352HUN-4.86	4,86	23	86	34	5	6
F1352HUN-4.87	4,87	23	86	34	5	6
F1352HUN-4.88	4,88	23	86	34	5	6
F1352HUN-4.89	4,89	23	86	34	5	6
F1352HUN-4.9	4,9	23	86	34	5	6
F1352HUN-4.91	4,91	23	86	34	5	6
F1352HUN-4.92	4,92	23	86	34	5	6
F1352HUN-4.93	4,93	23	86	34	5	6
F1352HUN-4.94	4,94	23	86	34	5	6
F1352HUN-4.95	4,95	23	86	34	5	6
F1352HUN-4.96	4,96	23	86	34	5	6
F1352HUN-4.97	4,97	23	86	34	5	6
F1352HUN-4.98	4,98	23	86	34	5	6
F1352HUN-4.99	4,99	23	86	34	5	6
F1352HUN-5	5	23	86	34	5	6
F1352HUN-5.01	5,01	23	86	34	5	6
F1352HUN-5.02	5,02	23	86	34	5	6
F1352HUN-5.03	5,03	23	86	34	5	6
F1352HUN-5.04	5,04	23	86	34	5	6
F1352HUN-5.05	5,05	23	86	34	5	6
F1352HUN-5.06	5,06	23	86	34	5	6
F1352HUN-5.07	5,07	23	86	34	5	6
F1352HUN-5.08	5,08	23	86	34	5	6
F1352HUN-5.09	5,09	23	86	34	5	6
F1352HUN-5.1	5,1	23	86	34	5	6
F1352HUN-5.11	5,11	23	86	34	5	6
F1352HUN-5.12	5,12	23	86	34	5	6
F1352HUN-5.13	5,13	23	86	34	5	6
F1352HUN-5.14	5,14	23	86	34	5	6
F1352HUN-5.15	5,15	23	86	34	5	6
F1352HUN-5.16	5,16	23	86	34	5	6
F1352HUN-5.17	5,17	23	86	34	5	6
F1352HUN-5.18	5,18	23	86	34	5	6
F1352HUN-5.19	5,19	23	86	34	5	6
F1352HUN-5.2	5,2	23	86	34	5	6
F1352HUN-5.21	5,21	23	86	34	5	6

Tool

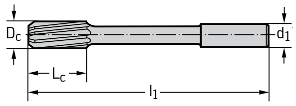


Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-5.22	5,22	23	86	34	5	6
F1352HUN-5.23	5,23	23	86	34	5	6
F1352HUN-5.24	5,24	23	86	34	5	6
F1352HUN-5.25	5,25	23	86	34	5	6
F1352HUN-5.26	5,26	23	86	34	5	6
F1352HUN-5.27	5,27	23	86	34	5	6
F1352HUN-5.28	5,28	23	86	34	5	6
F1352HUN-5.29	5,29	23	86	34	5	6
F1352HUN-5.31	5,31	26	93	36	6	6
F1352HUN-5.32	5,32	26	93	36	6	6
F1352HUN-5.33	5,33	26	93	36	6	6
F1352HUN-5.34	5,34	26	93	36	6	6
F1352HUN-5.35	5,35	26	93	36	6	6
F1352HUN-5.36	5,36	26	93	36	6	6
F1352HUN-5.37	5,37	26	93	36	6	6
F1352HUN-5.38	5,38	26	93	36	6	6
F1352HUN-5.39	5,39	26	93	36	6	6
F1352HUN-5.41	5,41	26	93	36	6	6
F1352HUN-5.42	5,42	26	93	36	6	6
F1352HUN-5.43	5,43	26	93	36	6	6
F1352HUN-5.44	5,44	26	93	36	6	6
F1352HUN-5.45	5,45	26	93	36	6	6
F1352HUN-5.46	5,46	26	93	36	6	6
F1352HUN-5.47	5,47	26	93	36	6	6
F1352HUN-5.48	5,48	26	93	36	6	6
F1352HUN-5.49	5,49	26	93	36	6	6
F1352HUN-5.5	5,5	26	93	36	6	6
F1352HUN-5.51	5,51	26	93	36	6	6
F1352HUN-5.52	5,52	26	93	36	6	6
F1352HUN-5.53	5,53	26	93	36	6	6
F1352HUN-5.54	5,54	26	93	36	6	6
F1352HUN-5.55	5,55	26	93	36	6	6
F1352HUN-5.56	5,56	26	93	36	6	6
F1352HUN-5.57	5,57	26	93	36	6	6
F1352HUN-5.58	5,58	26	93	36	6	6
F1352HUN-5.59	5,59	26	93	36	6	6
F1352HUN-5.6	5,6	26	93	36	6	6
F1352HUN-5.61	5,61	26	93	36	6	6
F1352HUN-5.62	5,62	26	93	36	6	6
F1352HUN-5.63	5,63	26	93	36	6	6
F1352HUN-5.64	5,64	26	93	36	6	6
F1352HUN-5.65	5,65	26	93	36	6	6
F1352HUN-5.66	5,66	26	93	36	6	6
F1352HUN-5.67	5,67	26	93	36	6	6
F1352HUN-5.68	5,68	26	93	36	6	6
F1352HUN-5.69	5,69	26	93	36	6	6
F1352HUN-5.71	5,71	26	93	36	6	6
F1352HUN-5.72	5,72	26	93	36	6	6

B 3

Tool

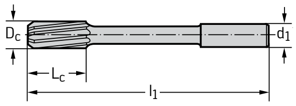


Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-5.73	5,73	26	93	36	6	6
F1352HUN-5.74	5,74	26	93	36	6	6
F1352HUN-5.75	5,75	26	93	36	6	6
F1352HUN-5.76	5,76	26	93	36	6	6
F1352HUN-5.77	5,77	26	93	36	6	6
F1352HUN-5.78	5,78	26	93	36	6	6
F1352HUN-5.79	5,79	26	93	36	6	6
F1352HUN-5.81	5,81	26	93	36	6	6
F1352HUN-5.82	5,82	26	93	36	6	6
F1352HUN-5.83	5,83	26	93	36	6	6
F1352HUN-5.84	5,84	26	93	36	6	6
F1352HUN-5.85	5,85	26	93	36	6	6
F1352HUN-5.86	5,86	26	93	36	6	6
F1352HUN-5.87	5,87	26	93	36	6	6
F1352HUN-5.88	5,88	26	93	36	6	6
F1352HUN-5.89	5,89	26	93	36	6	6
F1352HUN-5.91	5,91	26	93	36	6	6
F1352HUN-5.92	5,92	26	93	36	6	6
F1352HUN-5.93	5,93	26	93	36	6	6
F1352HUN-5.94	5,94	26	93	36	6	6
F1352HUN-5.95	5,95	26	93	36	6	6
F1352HUN-5.96	5,96	26	93	36	6	6
F1352HUN-5.97	5,97	26	93	36	6	6
F1352HUN-5.98	5,98	26	93	36	6	6
F1352HUN-5.99	5,99	26	93	36	6	6
F1352HUN-6	6	26	93	36	6	6
F1352HUN-6.01	6,01	28	101	38	6	6
F1352HUN-6.02	6,02	28	101	38	6	6
F1352HUN-6.03	6,03	28	101	38	6	6
F1352HUN-6.04	6,04	28	101	38	6	6
F1352HUN-6.05	6,05	28	101	38	6	6
F1352HUN-6.06	6,06	28	101	38	6	6
F1352HUN-6.07	6,07	28	101	38	6	6
F1352HUN-6.08	6,08	28	101	38	6	6
F1352HUN-6.09	6,09	28	101	38	6	6
F1352HUN-6.1	6,1	28	101	38	6	6
F1352HUN-6.11	6,11	28	101	38	6	6
F1352HUN-6.12	6,12	28	101	38	6	6
F1352HUN-6.13	6,13	28	101	38	6	6
F1352HUN-6.14	6,14	28	101	38	6	6
F1352HUN-6.15	6,15	28	101	38	6	6
F1352HUN-6.16	6,16	28	101	38	6	6
F1352HUN-6.17	6,17	28	101	38	6	6
F1352HUN-6.18	6,18	28	101	38	6	6
F1352HUN-6.19	6,19	28	101	38	6	6
F1352HUN-6.2	6,2	28	101	38	6	6
F1352HUN-6.21	6,21	28	101	38	6	6
F1352HUN-6.22	6,22	28	101	38	6	6

B3

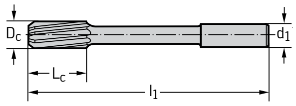
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-6.23	6,23	28	101	38	6	6
F1352HUN-6.24	6,24	28	101	38	6	6
F1352HUN-6.25	6,25	28	101	38	6	6
F1352HUN-6.26	6,26	28	101	38	6	6
F1352HUN-6.27	6,27	28	101	38	6	6
F1352HUN-6.28	6,28	28	101	38	6	6
F1352HUN-6.29	6,29	28	101	38	6	6
F1352HUN-6.31	6,31	28	101	38	6	6
F1352HUN-6.32	6,32	28	101	38	6	6
F1352HUN-6.33	6,33	28	101	38	6	6
F1352HUN-6.34	6,34	28	101	38	6	6
F1352HUN-6.35	6,35	28	101	38	6	6
F1352HUN-6.36	6,36	28	101	38	6	6
F1352HUN-6.37	6,37	28	101	38	6	6
F1352HUN-6.38	6,38	28	101	38	6	6
F1352HUN-6.39	6,39	28	101	38	6	6
F1352HUN-6.4	6,4	28	101	38	6	6
F1352HUN-6.41	6,41	28	101	38	6	6
F1352HUN-6.42	6,42	28	101	38	6	6
F1352HUN-6.43	6,43	28	101	38	6	6
F1352HUN-6.44	6,44	28	101	38	6	6
F1352HUN-6.45	6,45	28	101	38	6	6
F1352HUN-6.46	6,46	28	101	38	6	6
F1352HUN-6.47	6,47	28	101	38	6	6
F1352HUN-6.48	6,48	28	101	38	6	6
F1352HUN-6.49	6,49	28	101	38	6	6
F1352HUN-6.51	6,51	28	101	38	6	6
F1352HUN-6.52	6,52	28	101	38	6	6
F1352HUN-6.53	6,53	28	101	38	6	6
F1352HUN-6.54	6,54	28	101	38	6	6
F1352HUN-6.55	6,55	28	101	38	6	6
F1352HUN-6.56	6,56	28	101	38	6	6
F1352HUN-6.57	6,57	28	101	38	6	6
F1352HUN-6.58	6,58	28	101	38	6	6
F1352HUN-6.59	6,59	28	101	38	6	6
F1352HUN-6.61	6,61	28	101	38	6	6
F1352HUN-6.62	6,62	28	101	38	6	6
F1352HUN-6.63	6,63	28	101	38	6	6
F1352HUN-6.64	6,64	28	101	38	6	6
F1352HUN-6.65	6,65	28	101	38	6	6
F1352HUN-6.66	6,66	28	101	38	6	6
F1352HUN-6.67	6,67	28	101	38	6	6
F1352HUN-6.68	6,68	28	101	38	6	6
F1352HUN-6.69	6,69	28	101	38	6	6
F1352HUN-6.71	6,71	31	109	40	7	6
F1352HUN-6.72	6,72	31	109	40	7	6
F1352HUN-6.73	6,73	31	109	40	7	6
F1352HUN-6.74	6,74	31	109	40	7	6

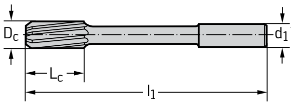
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-6.75	6,75	31	109	40	7	6
F1352HUN-6.76	6,76	31	109	40	7	6
F1352HUN-6.77	6,77	31	109	40	7	6
F1352HUN-6.78	6,78	31	109	40	7	6
F1352HUN-6.79	6,79	31	109	40	7	6
F1352HUN-6.81	6,81	31	109	40	7	6
F1352HUN-6.82	6,82	31	109	40	7	6
F1352HUN-6.83	6,83	31	109	40	7	6
F1352HUN-6.84	6,84	31	109	40	7	6
F1352HUN-6.85	6,85	31	109	40	7	6
F1352HUN-6.86	6,86	31	109	40	7	6
F1352HUN-6.87	6,87	31	109	40	7	6
F1352HUN-6.88	6,88	31	109	40	7	6
F1352HUN-6.89	6,89	31	109	40	7	6
F1352HUN-6.91	6,91	31	109	40	7	6
F1352HUN-6.92	6,92	31	109	40	7	6
F1352HUN-6.93	6,93	31	109	40	7	6
F1352HUN-6.94	6,94	31	109	40	7	6
F1352HUN-6.95	6,95	31	109	40	7	6
F1352HUN-6.96	6,96	31	109	40	7	6
F1352HUN-6.97	6,97	31	109	40	7	6
F1352HUN-6.98	6,98	31	109	40	7	6
F1352HUN-6.99	6,99	31	109	40	7	6
F1352HUN-7	7	31	109	40	7	6
F1352HUN-7.01	7,01	31	109	40	7	6
F1352HUN-7.02	7,02	31	109	40	7	6
F1352HUN-7.03	7,03	31	109	40	7	6
F1352HUN-7.04	7,04	31	109	40	7	6
F1352HUN-7.05	7,05	31	109	40	7	6
F1352HUN-7.06	7,06	31	109	40	7	6
F1352HUN-7.07	7,07	31	109	40	7	6
F1352HUN-7.08	7,08	31	109	40	7	6
F1352HUN-7.09	7,09	31	109	40	7	6
F1352HUN-7.11	7,11	31	109	40	7	6
F1352HUN-7.12	7,12	31	109	40	7	6
F1352HUN-7.13	7,13	31	109	40	7	6
F1352HUN-7.14	7,14	31	109	40	7	6
F1352HUN-7.15	7,15	31	109	40	7	6
F1352HUN-7.16	7,16	31	109	40	7	6
F1352HUN-7.17	7,17	31	109	40	7	6
F1352HUN-7.18	7,18	31	109	40	7	6
F1352HUN-7.19	7,19	31	109	40	7	6
F1352HUN-7.21	7,21	31	109	40	7	6
F1352HUN-7.22	7,22	31	109	40	7	6
F1352HUN-7.23	7,23	31	109	40	7	6
F1352HUN-7.24	7,24	31	109	40	7	6
F1352HUN-7.25	7,25	31	109	40	7	6
F1352HUN-7.26	7,26	31	109	40	7	6

Tool

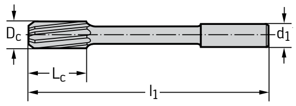


Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-7.27	7,27	31	109	40	7	6
F1352HUN-7.28	7,28	31	109	40	7	6
F1352HUN-7.29	7,29	31	109	40	7	6
F1352HUN-7.31	7,31	31	109	40	7	6
F1352HUN-7.32	7,32	31	109	40	7	6
F1352HUN-7.33	7,33	31	109	40	7	6
F1352HUN-7.34	7,34	31	109	40	7	6
F1352HUN-7.35	7,35	31	109	40	7	6
F1352HUN-7.36	7,36	31	109	40	7	6
F1352HUN-7.37	7,37	31	109	40	7	6
F1352HUN-7.38	7,38	31	109	40	7	6
F1352HUN-7.39	7,39	31	109	40	7	6
F1352HUN-7.41	7,41	31	109	40	7	6
F1352HUN-7.42	7,42	31	109	40	7	6
F1352HUN-7.43	7,43	31	109	40	7	6
F1352HUN-7.44	7,44	31	109	40	7	6
F1352HUN-7.45	7,45	31	109	40	7	6
F1352HUN-7.46	7,46	31	109	40	7	6
F1352HUN-7.47	7,47	31	109	40	7	6
F1352HUN-7.48	7,48	31	109	40	7	6
F1352HUN-7.49	7,49	31	109	40	7	6
F1352HUN-7.5	7,5	31	109	40	7	6
F1352HUN-7.51	7,51	33	117	42	8	6
F1352HUN-7.52	7,52	33	117	42	8	6
F1352HUN-7.53	7,53	33	117	42	8	6
F1352HUN-7.54	7,54	33	117	42	8	6
F1352HUN-7.55	7,55	33	117	42	8	6
F1352HUN-7.56	7,56	33	117	42	8	6
F1352HUN-7.57	7,57	33	117	42	8	6
F1352HUN-7.58	7,58	33	117	42	8	6
F1352HUN-7.59	7,59	33	117	42	8	6
F1352HUN-7.61	7,61	33	117	42	8	6
F1352HUN-7.62	7,62	33	117	42	8	6
F1352HUN-7.63	7,63	33	117	42	8	6
F1352HUN-7.64	7,64	33	117	42	8	6
F1352HUN-7.65	7,65	33	117	42	8	6
F1352HUN-7.66	7,66	33	117	42	8	6
F1352HUN-7.67	7,67	33	117	42	8	6
F1352HUN-7.68	7,68	33	117	42	8	6
F1352HUN-7.69	7,69	33	117	42	8	6
F1352HUN-7.71	7,71	33	117	42	8	6
F1352HUN-7.72	7,72	33	117	42	8	6
F1352HUN-7.73	7,73	33	117	42	8	6
F1352HUN-7.74	7,74	33	117	42	8	6
F1352HUN-7.75	7,75	33	117	42	8	6
F1352HUN-7.76	7,76	33	117	42	8	6
F1352HUN-7.77	7,77	33	117	42	8	6
F1352HUN-7.78	7,78	33	117	42	8	6

B 3

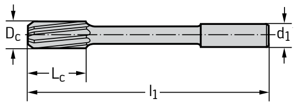
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-7.79	7,79	33	117	42	8	6
F1352HUN-7.81	7,81	33	117	42	8	6
F1352HUN-7.82	7,82	33	117	42	8	6
F1352HUN-7.83	7,83	33	117	42	8	6
F1352HUN-7.84	7,84	33	117	42	8	6
F1352HUN-7.85	7,85	33	117	42	8	6
F1352HUN-7.86	7,86	33	117	42	8	6
F1352HUN-7.87	7,87	33	117	42	8	6
F1352HUN-7.88	7,88	33	117	42	8	6
F1352HUN-7.89	7,89	33	117	42	8	6
F1352HUN-7.91	7,91	33	117	42	8	6
F1352HUN-7.92	7,92	33	117	42	8	6
F1352HUN-7.93	7,93	33	117	42	8	6
F1352HUN-7.94	7,94	33	117	42	8	6
F1352HUN-7.95	7,95	33	117	42	8	6
F1352HUN-7.96	7,96	33	117	42	8	6
F1352HUN-7.97	7,97	33	117	42	8	6
F1352HUN-7.98	7,98	33	117	42	8	6
F1352HUN-7.99	7,99	33	117	42	8	6
F1352HUN-8	8	33	117	42	8	6
F1352HUN-8.01	8,01	33	117	42	8	6
F1352HUN-8.02	8,02	33	117	42	8	6
F1352HUN-8.03	8,03	33	117	42	8	6
F1352HUN-8.04	8,04	33	117	42	8	6
F1352HUN-8.05	8,05	33	117	42	8	6
F1352HUN-8.06	8,06	33	117	42	8	6
F1352HUN-8.07	8,07	33	117	42	8	6
F1352HUN-8.08	8,08	33	117	42	8	6
F1352HUN-8.09	8,09	33	117	42	8	6
F1352HUN-8.1	8,1	33	117	42	8	6
F1352HUN-8.11	8,11	33	117	42	8	6
F1352HUN-8.12	8,12	33	117	42	8	6
F1352HUN-8.13	8,13	33	117	42	8	6
F1352HUN-8.14	8,14	33	117	42	8	6
F1352HUN-8.15	8,15	33	117	42	8	6
F1352HUN-8.16	8,16	33	117	42	8	6
F1352HUN-8.17	8,17	33	117	42	8	6
F1352HUN-8.18	8,18	33	117	42	8	6
F1352HUN-8.19	8,19	33	117	42	8	6
F1352HUN-8.2	8,2	33	117	42	8	6
F1352HUN-8.21	8,21	33	117	42	8	6
F1352HUN-8.22	8,22	33	117	42	8	6
F1352HUN-8.23	8,23	33	117	42	8	6
F1352HUN-8.24	8,24	33	117	42	8	6
F1352HUN-8.25	8,25	33	117	42	8	6
F1352HUN-8.26	8,26	33	117	42	8	6
F1352HUN-8.27	8,27	33	117	42	8	6
F1352HUN-8.28	8,28	33	117	42	8	6

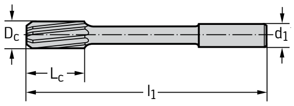
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-8.29	8,29	33	117	42	8	6
F1352HUN-8.3	8,3	33	117	42	8	6
F1352HUN-8.31	8,31	33	117	42	8	6
F1352HUN-8.32	8,32	33	117	42	8	6
F1352HUN-8.33	8,33	33	117	42	8	6
F1352HUN-8.34	8,34	33	117	42	8	6
F1352HUN-8.35	8,35	33	117	42	8	6
F1352HUN-8.36	8,36	33	117	42	8	6
F1352HUN-8.37	8,37	33	117	42	8	6
F1352HUN-8.38	8,38	33	117	42	8	6
F1352HUN-8.39	8,39	33	117	42	8	6
F1352HUN-8.41	8,41	33	117	42	8	6
F1352HUN-8.42	8,42	33	117	42	8	6
F1352HUN-8.43	8,43	33	117	42	8	6
F1352HUN-8.44	8,44	33	117	42	8	6
F1352HUN-8.45	8,45	33	117	42	8	6
F1352HUN-8.46	8,46	33	117	42	8	6
F1352HUN-8.47	8,47	33	117	42	8	6
F1352HUN-8.48	8,48	33	117	42	8	6
F1352HUN-8.49	8,49	33	117	42	8	6
F1352HUN-8.5	8,5	33	117	42	8	6
F1352HUN-8.51	8,51	36	125	44	9	6
F1352HUN-8.52	8,52	36	125	44	9	6
F1352HUN-8.53	8,53	36	125	44	9	6
F1352HUN-8.54	8,54	36	125	44	9	6
F1352HUN-8.55	8,55	36	125	44	9	6
F1352HUN-8.56	8,56	36	125	44	9	6
F1352HUN-8.57	8,57	36	125	44	9	6
F1352HUN-8.58	8,58	36	125	44	9	6
F1352HUN-8.59	8,59	36	125	44	9	6
F1352HUN-8.61	8,61	36	125	44	9	6
F1352HUN-8.62	8,62	36	125	44	9	6
F1352HUN-8.63	8,63	36	125	44	9	6
F1352HUN-8.64	8,64	36	125	44	9	6
F1352HUN-8.65	8,65	36	125	44	9	6
F1352HUN-8.66	8,66	36	125	44	9	6
F1352HUN-8.67	8,67	36	125	44	9	6
F1352HUN-8.68	8,68	36	125	44	9	6
F1352HUN-8.69	8,69	36	125	44	9	6
F1352HUN-8.71	8,71	36	125	44	9	6
F1352HUN-8.72	8,72	36	125	44	9	6
F1352HUN-8.73	8,73	36	125	44	9	6
F1352HUN-8.74	8,74	36	125	44	9	6
F1352HUN-8.75	8,75	36	125	44	9	6
F1352HUN-8.76	8,76	36	125	44	9	6
F1352HUN-8.77	8,77	36	125	44	9	6
F1352HUN-8.78	8,78	36	125	44	9	6
F1352HUN-8.79	8,79	36	125	44	9	6

Tool



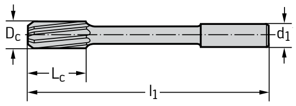
Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-8.81	8,81	36	125	44	9	6
F1352HUN-8.82	8,82	36	125	44	9	6
F1352HUN-8.83	8,83	36	125	44	9	6
F1352HUN-8.84	8,84	36	125	44	9	6
F1352HUN-8.85	8,85	36	125	44	9	6
F1352HUN-8.86	8,86	36	125	44	9	6
F1352HUN-8.87	8,87	36	125	44	9	6
F1352HUN-8.88	8,88	36	125	44	9	6
F1352HUN-8.89	8,89	36	125	44	9	6
F1352HUN-8.91	8,91	36	125	44	9	6
F1352HUN-8.92	8,92	36	125	44	9	6
F1352HUN-8.93	8,93	36	125	44	9	6
F1352HUN-8.94	8,94	36	125	44	9	6
F1352HUN-8.95	8,95	36	125	44	9	6
F1352HUN-8.96	8,96	36	125	44	9	6
F1352HUN-8.97	8,97	36	125	44	9	6
F1352HUN-8.98	8,98	36	125	44	9	6
F1352HUN-8.99	8,99	36	125	44	9	6
F1352HUN-9	9	36	125	44	9	6
F1352HUN-9.01	9,01	36	125	44	9	6
F1352HUN-9.02	9,02	36	125	44	9	6
F1352HUN-9.03	9,03	36	125	44	9	6
F1352HUN-9.04	9,04	36	125	44	9	6
F1352HUN-9.05	9,05	36	125	44	9	6
F1352HUN-9.06	9,06	36	125	44	9	6
F1352HUN-9.07	9,07	36	125	44	9	6
F1352HUN-9.08	9,08	36	125	44	9	6
F1352HUN-9.09	9,09	36	125	44	9	6
F1352HUN-9.11	9,11	36	125	44	9	6
F1352HUN-9.12	9,12	36	125	44	9	6
F1352HUN-9.13	9,13	36	125	44	9	6
F1352HUN-9.14	9,14	36	125	44	9	6
F1352HUN-9.15	9,15	36	125	44	9	6
F1352HUN-9.16	9,16	36	125	44	9	6
F1352HUN-9.17	9,17	36	125	44	9	6
F1352HUN-9.18	9,18	36	125	44	9	6
F1352HUN-9.19	9,19	36	125	44	9	6
F1352HUN-9.21	9,21	36	125	44	9	6
F1352HUN-9.22	9,22	36	125	44	9	6
F1352HUN-9.23	9,23	36	125	44	9	6
F1352HUN-9.24	9,24	36	125	44	9	6
F1352HUN-9.25	9,25	36	125	44	9	6
F1352HUN-9.26	9,26	36	125	44	9	6
F1352HUN-9.27	9,27	36	125	44	9	6
F1352HUN-9.28	9,28	36	125	44	9	6
F1352HUN-9.29	9,29	36	125	44	9	6
F1352HUN-9.31	9,31	36	125	44	9	6
F1352HUN-9.32	9,32	36	125	44	9	6

B 3

WALTER TITEX

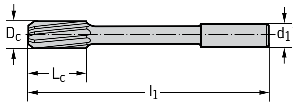
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-9.33	9,33	36	125	44	9	6
F1352HUN-9.34	9,34	36	125	44	9	6
F1352HUN-9.35	9,35	36	125	44	9	6
F1352HUN-9.36	9,36	36	125	44	9	6
F1352HUN-9.37	9,37	36	125	44	9	6
F1352HUN-9.38	9,38	36	125	44	9	6
F1352HUN-9.39	9,39	36	125	44	9	6
F1352HUN-9.41	9,41	36	125	44	9	6
F1352HUN-9.42	9,42	36	125	44	9	6
F1352HUN-9.43	9,43	36	125	44	9	6
F1352HUN-9.44	9,44	36	125	44	9	6
F1352HUN-9.45	9,45	36	125	44	9	6
F1352HUN-9.46	9,46	36	125	44	9	6
F1352HUN-9.47	9,47	36	125	44	9	6
F1352HUN-9.48	9,48	36	125	44	9	6
F1352HUN-9.49	9,49	36	125	44	9	6
F1352HUN-9.51	9,51	38	133	46	10	6
F1352HUN-9.52	9,52	38	133	46	10	6
F1352HUN-9.53	9,53	38	133	46	10	6
F1352HUN-9.54	9,54	38	133	46	10	6
F1352HUN-9.55	9,55	38	133	46	10	6
F1352HUN-9.56	9,56	38	133	46	10	6
F1352HUN-9.57	9,57	38	133	46	10	6
F1352HUN-9.58	9,58	38	133	46	10	6
F1352HUN-9.59	9,59	38	133	46	10	6
F1352HUN-9.61	9,61	38	133	46	10	6
F1352HUN-9.62	9,62	38	133	46	10	6
F1352HUN-9.63	9,63	38	133	46	10	6
F1352HUN-9.64	9,64	38	133	46	10	6
F1352HUN-9.65	9,65	38	133	46	10	6
F1352HUN-9.66	9,66	38	133	46	10	6
F1352HUN-9.67	9,67	38	133	46	10	6
F1352HUN-9.68	9,68	38	133	46	10	6
F1352HUN-9.69	9,69	38	133	46	10	6
F1352HUN-9.71	9,71	38	133	46	10	6
F1352HUN-9.72	9,72	38	133	46	10	6
F1352HUN-9.73	9,73	38	133	46	10	6
F1352HUN-9.74	9,74	38	133	46	10	6
F1352HUN-9.75	9,75	38	133	46	10	6
F1352HUN-9.76	9,76	38	133	46	10	6
F1352HUN-9.77	9,77	38	133	46	10	6
F1352HUN-9.78	9,78	38	133	46	10	6
F1352HUN-9.79	9,79	38	133	46	10	6
F1352HUN-9.81	9,81	38	133	46	10	6
F1352HUN-9.82	9,82	38	133	46	10	6
F1352HUN-9.83	9,83	38	133	46	10	6
F1352HUN-9.84	9,84	38	133	46	10	6
F1352HUN-9.85	9,85	38	133	46	10	6

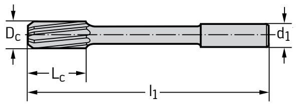
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-9.86	9,86	38	133	46	10	6
F1352HUN-9.87	9,87	38	133	46	10	6
F1352HUN-9.88	9,88	38	133	46	10	6
F1352HUN-9.89	9,89	38	133	46	10	6
F1352HUN-9.91	9,91	38	133	46	10	6
F1352HUN-9.92	9,92	38	133	46	10	6
F1352HUN-9.93	9,93	38	133	46	10	6
F1352HUN-9.94	9,94	38	133	46	10	6
F1352HUN-9.95	9,95	38	133	46	10	6
F1352HUN-9.96	9,96	38	133	46	10	6
F1352HUN-9.97	9,97	38	133	46	10	6
F1352HUN-9.98	9,98	38	133	46	10	6
F1352HUN-9.99	9,99	38	133	46	10	6
F1352HUN-10	10	38	133	46	10	6
F1352HUN-10.01	10,01	38	133	46	10	6
F1352HUN-10.02	10,02	38	133	46	10	6
F1352HUN-10.03	10,03	38	133	46	10	6
F1352HUN-10.04	10,04	38	133	46	10	6
F1352HUN-10.05	10,05	38	133	46	10	6
F1352HUN-10.06	10,06	38	133	46	10	6
F1352HUN-10.07	10,07	38	133	46	10	6
F1352HUN-10.08	10,08	38	133	46	10	6
F1352HUN-10.09	10,09	38	133	46	10	6
F1352HUN-10.1	10,1	38	133	46	10	6
F1352HUN-10.11	10,11	38	133	46	10	6
F1352HUN-10.12	10,12	38	133	46	10	6
F1352HUN-10.13	10,13	38	133	46	10	6
F1352HUN-10.14	10,14	38	133	46	10	6
F1352HUN-10.15	10,15	38	133	46	10	6
F1352HUN-10.16	10,16	38	133	46	10	6
F1352HUN-10.17	10,17	38	133	46	10	6
F1352HUN-10.18	10,18	38	133	46	10	6
F1352HUN-10.19	10,19	38	133	46	10	6
F1352HUN-10.2	10,2	38	133	46	10	6
F1352HUN-10.21	10,21	38	133	46	10	6
F1352HUN-10.22	10,22	38	133	46	10	6
F1352HUN-10.23	10,23	38	133	46	10	6
F1352HUN-10.24	10,24	38	133	46	10	6
F1352HUN-10.25	10,25	38	133	46	10	6
F1352HUN-10.26	10,26	38	133	46	10	6
F1352HUN-10.27	10,27	38	133	46	10	6
F1352HUN-10.28	10,28	38	133	46	10	6
F1352HUN-10.29	10,29	38	133	46	10	6
F1352HUN-10.31	10,31	38	133	46	10	6
F1352HUN-10.32	10,32	38	133	46	10	6
F1352HUN-10.33	10,33	38	133	46	10	6
F1352HUN-10.34	10,34	38	133	46	10	6
F1352HUN-10.35	10,35	38	133	46	10	6

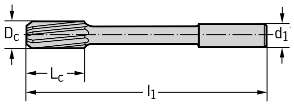
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-10.36	10,36	38	133	46	10	6
F1352HUN-10.37	10,37	38	133	46	10	6
F1352HUN-10.38	10,38	38	133	46	10	6
F1352HUN-10.39	10,39	38	133	46	10	6
F1352HUN-10.41	10,41	38	133	46	10	6
F1352HUN-10.42	10,42	38	133	46	10	6
F1352HUN-10.43	10,43	38	133	46	10	6
F1352HUN-10.44	10,44	38	133	46	10	6
F1352HUN-10.45	10,45	38	133	46	10	6
F1352HUN-10.46	10,46	38	133	46	10	6
F1352HUN-10.47	10,47	38	133	46	10	6
F1352HUN-10.48	10,48	38	133	46	10	6
F1352HUN-10.49	10,49	38	133	46	10	6
F1352HUN-10.51	10,51	38	133	46	10	6
F1352HUN-10.52	10,52	38	133	46	10	6
F1352HUN-10.53	10,53	38	133	46	10	6
F1352HUN-10.54	10,54	38	133	46	10	6
F1352HUN-10.55	10,55	38	133	46	10	6
F1352HUN-10.56	10,56	38	133	46	10	6
F1352HUN-10.57	10,57	38	133	46	10	6
F1352HUN-10.58	10,58	38	133	46	10	6
F1352HUN-10.59	10,59	38	133	46	10	6
F1352HUN-10.61	10,61	41	142	46	10	6
F1352HUN-10.62	10,62	41	142	46	10	6
F1352HUN-10.63	10,63	41	142	46	10	6
F1352HUN-10.64	10,64	41	142	46	10	6
F1352HUN-10.65	10,65	41	142	46	10	6
F1352HUN-10.66	10,66	41	142	46	10	6
F1352HUN-10.67	10,67	41	142	46	10	6
F1352HUN-10.68	10,68	41	142	46	10	6
F1352HUN-10.69	10,69	41	142	46	10	6
F1352HUN-10.71	10,71	41	142	46	10	6
F1352HUN-10.72	10,72	41	142	46	10	6
F1352HUN-10.73	10,73	41	142	46	10	6
F1352HUN-10.74	10,74	41	142	46	10	6
F1352HUN-10.75	10,75	41	142	46	10	6
F1352HUN-10.76	10,76	41	142	46	10	6
F1352HUN-10.77	10,77	41	142	46	10	6
F1352HUN-10.78	10,78	41	142	46	10	6
F1352HUN-10.79	10,79	41	142	46	10	6
F1352HUN-10.81	10,81	41	142	46	10	6
F1352HUN-10.82	10,82	41	142	46	10	6
F1352HUN-10.83	10,83	41	142	46	10	6
F1352HUN-10.84	10,84	41	142	46	10	6
F1352HUN-10.85	10,85	41	142	46	10	6
F1352HUN-10.86	10,86	41	142	46	10	6
F1352HUN-10.87	10,87	41	142	46	10	6
F1352HUN-10.88	10,88	41	142	46	10	6

Tool

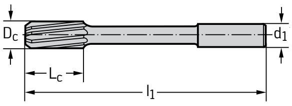


Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-10.89	10,89	41	142	46	10	6
F1352HUN-10.91	10,91	41	142	46	10	6
F1352HUN-10.92	10,92	41	142	46	10	6
F1352HUN-10.93	10,93	41	142	46	10	6
F1352HUN-10.94	10,94	41	142	46	10	6
F1352HUN-10.95	10,95	41	142	46	10	6
F1352HUN-10.96	10,96	41	142	46	10	6
F1352HUN-10.97	10,97	41	142	46	10	6
F1352HUN-10.98	10,98	41	142	46	10	6
F1352HUN-10.99	10,99	41	142	46	10	6
F1352HUN-11.01	11,01	41	142	46	10	6
F1352HUN-11.02	11,02	41	142	46	10	6
F1352HUN-11.03	11,03	41	142	46	10	6
F1352HUN-11.04	11,04	41	142	46	10	6
F1352HUN-11.05	11,05	41	142	46	10	6
F1352HUN-11.06	11,06	41	142	46	10	6
F1352HUN-11.07	11,07	41	142	46	10	6
F1352HUN-11.08	11,08	41	142	46	10	6
F1352HUN-11.09	11,09	41	142	46	10	6
F1352HUN-11.1	11,1	41	142	46	10	6
F1352HUN-11.11	11,11	41	142	46	10	6
F1352HUN-11.12	11,12	41	142	46	10	6
F1352HUN-11.13	11,13	41	142	46	10	6
F1352HUN-11.14	11,14	41	142	46	10	6
F1352HUN-11.15	11,15	41	142	46	10	6
F1352HUN-11.16	11,16	41	142	46	10	6
F1352HUN-11.17	11,17	41	142	46	10	6
F1352HUN-11.18	11,18	41	142	46	10	6
F1352HUN-11.19	11,19	41	142	46	10	6
F1352HUN-11.2	11,2	41	142	46	10	6
F1352HUN-11.21	11,21	41	142	46	10	6
F1352HUN-11.22	11,22	41	142	46	10	6
F1352HUN-11.23	11,23	41	142	46	10	6
F1352HUN-11.24	11,24	41	142	46	10	6
F1352HUN-11.25	11,25	41	142	46	10	6
F1352HUN-11.26	11,26	41	142	46	10	6
F1352HUN-11.27	11,27	41	142	46	10	6
F1352HUN-11.28	11,28	41	142	46	10	6
F1352HUN-11.29	11,29	41	142	46	10	6
F1352HUN-11.3	11,3	41	142	46	10	6
F1352HUN-11.31	11,31	41	142	46	10	6
F1352HUN-11.32	11,32	41	142	46	10	6
F1352HUN-11.33	11,33	41	142	46	10	6
F1352HUN-11.34	11,34	41	142	46	10	6
F1352HUN-11.35	11,35	41	142	46	10	6
F1352HUN-11.36	11,36	41	142	46	10	6
F1352HUN-11.37	11,37	41	142	46	10	6
F1352HUN-11.38	11,38	41	142	46	10	6

B 3

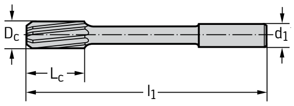
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-11.39	11,39	41	142	46	10	6
F1352HUN-11.4	11,4	41	142	46	10	6
F1352HUN-11.41	11,41	41	142	46	10	6
F1352HUN-11.42	11,42	41	142	46	10	6
F1352HUN-11.43	11,43	41	142	46	10	6
F1352HUN-11.44	11,44	41	142	46	10	6
F1352HUN-11.45	11,45	41	142	46	10	6
F1352HUN-11.46	11,46	41	142	46	10	6
F1352HUN-11.47	11,47	41	142	46	10	6
F1352HUN-11.48	11,48	41	142	46	10	6
F1352HUN-11.49	11,49	41	142	46	10	6
F1352HUN-11.51	11,51	41	142	46	10	6
F1352HUN-11.52	11,52	41	142	46	10	6
F1352HUN-11.53	11,53	41	142	46	10	6
F1352HUN-11.54	11,54	41	142	46	10	6
F1352HUN-11.55	11,55	41	142	46	10	6
F1352HUN-11.56	11,56	41	142	46	10	6
F1352HUN-11.57	11,57	41	142	46	10	6
F1352HUN-11.58	11,58	41	142	46	10	6
F1352HUN-11.59	11,59	41	142	46	10	6
F1352HUN-11.6	11,6	41	142	46	10	6
F1352HUN-11.61	11,61	41	142	46	10	6
F1352HUN-11.62	11,62	41	142	46	10	6
F1352HUN-11.63	11,63	41	142	46	10	6
F1352HUN-11.64	11,64	41	142	46	10	6
F1352HUN-11.65	11,65	41	142	46	10	6
F1352HUN-11.66	11,66	41	142	46	10	6
F1352HUN-11.67	11,67	41	142	46	10	6
F1352HUN-11.68	11,68	41	142	46	10	6
F1352HUN-11.69	11,69	41	142	46	10	6
F1352HUN-11.7	11,7	41	142	46	10	6
F1352HUN-11.71	11,71	41	142	46	10	6
F1352HUN-11.72	11,72	41	142	46	10	6
F1352HUN-11.73	11,73	41	142	46	10	6
F1352HUN-11.74	11,74	41	142	46	10	6
F1352HUN-11.75	11,75	41	142	46	10	6
F1352HUN-11.76	11,76	41	142	46	10	6
F1352HUN-11.77	11,77	41	142	46	10	6
F1352HUN-11.78	11,78	41	142	46	10	6
F1352HUN-11.79	11,79	41	142	46	10	6
F1352HUN-11.8	11,8	41	142	46	10	6
F1352HUN-11.81	11,81	44	151	46	10	6
F1352HUN-11.82	11,82	44	151	46	10	6
F1352HUN-11.83	11,83	44	151	46	10	6
F1352HUN-11.84	11,84	44	151	46	10	6
F1352HUN-11.85	11,85	44	151	46	10	6
F1352HUN-11.86	11,86	44	151	46	10	6
F1352HUN-11.87	11,87	44	151	46	10	6

Tool



Cylindrical shank

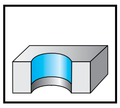
Designation	D_c mm	L_c mm	l_1 mm	l_5 mm	h9	Z
F1352HUN-11.88	11,88	44	151	46	10	6
F1352HUN-11.89	11,89	44	151	46	10	6
F1352HUN-11.9	11,9	44	151	46	10	6
F1352HUN-11.91	11,91	44	151	46	10	6
F1352HUN-11.92	11,92	44	151	46	10	6
F1352HUN-11.93	11,93	44	151	46	10	6
F1352HUN-11.94	11,94	44	151	46	10	6
F1352HUN-11.95	11,95	44	151	46	10	6
F1352HUN-11.96	11,96	44	151	46	10	6
F1352HUN-11.97	11,97	44	151	46	10	6
F1352HUN-11.98	11,98	44	151	46	10	6
F1352HUN-11.99	11,99	44	151	46	10	6
F1352HUN-12	12	44	151	46	10	6

B 3

HSS machine reamers
F1352

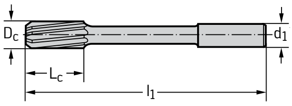
– Walter standard up to dia. 1.3 mm
– With centring tip on both sides up to dia. 3.7 mm

DIN 212 | H7



	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●●

Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	h9	Z
F1352-0.9	0,9	6	34	1	3
F1352-1	1	6	34	1	3
F1352-1.1	1,1	7	36	1	3
F1352-1.2	1,2	8	38	1	3
F1352-1.3	1,3	8	38	1	3
F1352-1.4	1,4	8	40	1	3
F1352-1.5	1,5	8	40	2	3
F1352-1.6	1,6	9	43	2	3
F1352-1.7	1,7	9	43	2	3
F1352-1.8	1,8	10	46	2	4
F1352-1.9	1,9	10	46	2	4
F1352-2	2	11	49	2	4
F1352-2.1	2,1	11	49	2	4
F1352-2.2	2,2	12	53	2	4
F1352-2.3	2,3	12	53	2	4
F1352-2.4	2,4	14	57	2	4
F1352-2.5	2,5	14	57	3	4
F1352-2.6	2,6	14	57	3	4
F1352-2.7	2,7	15	61	3	6
F1352-2.8	2,8	15	61	3	6
F1352-2.9	2,9	15	61	3	6
F1352-3	3	15	61	3	6
F1352-3.1	3,1	16	65	3	6
F1352-3.2	3,2	16	65	3	6
F1352-3.3	3,3	16	65	3	6
F1352-3.4	3,4	18	70	3	6
F1352-3.5	3,5	18	70	4	6
F1352-3.6	3,6	18	70	4	6
F1352-3.7	3,7	18	70	4	6
F1352-3.8	3,8	19	75	4	6
F1352-3.9	3,9	19	75	4	6
F1352-4	4	19	75	4	6
F1352-4.1	4,1	19	75	4	6
F1352-4.2	4,2	19	75	4	6
F1352-4.3	4,3	21	80	5	6

B 3

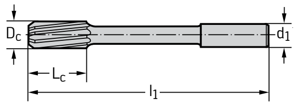
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

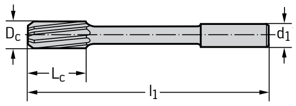
B 3

Tool



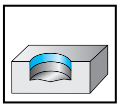
Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	h9	Z
F1352-4.4	4,4	21	80	5	6
F1352-4.5	4,5	21	80	5	6
F1352-4.6	4,6	21	80	5	6
F1352-4.7	4,7	21	80	5	6
F1352-4.8	4,8	23	86	5	6
F1352-4.9	4,9	23	86	5	6
F1352-5	5	23	86	5	6
F1352-5.1	5,1	23	86	5	6
F1352-5.2	5,2	23	86	5	6
F1352-5.3	5,3	23	86	5	6
F1352-5.4	5,4	26	93	6	6
F1352-5.5	5,5	26	93	6	6
F1352-5.6	5,6	26	93	6	6
F1352-5.7	5,7	26	93	6	6
F1352-5.8	5,8	26	93	6	6
F1352-5.9	5,9	26	93	6	6
F1352-6	6	26	93	6	6
F1352-6.1	6,1	28	101	6	6
F1352-6.2	6,2	28	101	6	6
F1352-6.3	6,3	28	101	6	6
F1352-6.4	6,4	28	101	6	6
F1352-6.5	6,5	28	101	6	6
F1352-6.6	6,6	28	101	6	6
F1352-6.7	6,7	28	101	6	6
F1352-6.8	6,8	31	109	7	6
F1352-6.9	6,9	31	109	7	6
F1352-7	7	31	109	7	6
F1352-7.1	7,1	31	109	7	6
F1352-7.2	7,2	31	109	7	6
F1352-7.3	7,3	31	109	7	6
F1352-7.4	7,4	31	109	7	6
F1352-7.5	7,5	31	109	7	6
F1352-7.6	7,6	33	117	8	6
F1352-7.7	7,7	33	117	8	6
F1352-7.8	7,8	33	117	8	6
F1352-7.9	7,9	33	117	8	6
F1352-8	8	33	117	8	6
F1352-8.1	8,1	33	117	8	6
F1352-8.2	8,2	33	117	8	6
F1352-8.3	8,3	33	117	8	6
F1352-8.4	8,4	33	117	8	6
F1352-8.5	8,5	33	117	8	6
F1352-8.6	8,6	36	125	9	6
F1352-8.7	8,7	36	125	9	6
F1352-8.8	8,8	36	125	9	6
F1352-8.9	8,9	36	125	9	6
F1352-9	9	36	125	9	6
F1352-9.1	9,1	36	125	9	6

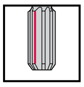
Tool	Designation	D_c mm	L_c mm	l_1 mm	h9	Z
 Cylindrical shank	F1352-9.2	9,2	36	125	9	6
	F1352-9.3	9,3	36	125	9	6
	F1352-9.4	9,4	36	125	9	6
	F1352-9.5	9,5	36	125	9	6
	F1352-9.6	9,6	38	133	10	6
	F1352-9.7	9,7	38	133	10	6
	F1352-9.8	9,8	38	133	10	6
	F1352-9.9	9,9	38	133	10	6
	F1352-10	10	38	133	10	6
	F1352-10.1	10,1	38	133	10	6
	F1352-10.2	10,2	38	133	10	6
	F1352-10.3	10,3	38	133	10	6
	F1352-10.4	10,4	38	133	10	6
	F1352-10.5	10,5	38	133	10	6
	F1352-10.6	10,6	38	133	10	6
	F1352-10.7	10,7	41	142	10	6
	F1352-10.8	10,8	41	142	10	6
	F1352-10.9	10,9	41	142	10	6
	F1352-11	11	41	142	10	6
	F1352-11.5	11,5	41	142	10	6
	F1352-12	12	44	151	10	6
	F1352-12.5	12,5	44	151	10	6
	F1352-13	13	44	151	10	6
	F1352-13.5	13,5	47	160	13	8
	F1352-14	14	47	160	13	8
	F1352-14.5	14,5	50	162	13	8
	F1352-15	15	50	162	13	8
	F1352-15.5	15,5	52	170	13	8
	F1352-16	16	52	170	13	8
	F1352-16.5	16,5	54	175	14	8
	F1352-17	17	54	175	14	8
	F1352-17.5	17,5	56	182	14	8
	F1352-18	18	56	182	14	8
	F1352-18.5	18,5	58	189	16	8
	F1352-19	19	58	189	16	8
	F1352-19.5	19,5	60	195	16	8
	F1352-20	20	60	195	16	8

HSS machine reamers
F1342

– Walter standard up to dia. 2.1 mm
– With centring tip on both sides up to dia. 3.7 mm



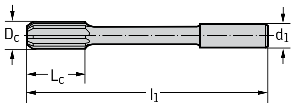
DIN 212



H7

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●●

Tool



Cylindrical shank

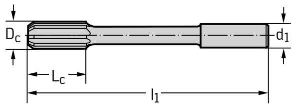
Designation	D_c mm	L_c mm	l_1 mm	h9	Z
F1342-1	1	6	34	1	3
F1342-1.1	1,1	7	36	1	3
F1342-1.2	1,2	7	36	1	3
F1342-1.3	1,3	8	38	1	3
F1342-1.4	1,4	8	40	1	3
F1342-1.5	1,5	8	40	1	3
F1342-1.6	1,6	9	43	2	3
F1342-1.7	1,7	9	43	2	3
F1342-1.8	1,8	10	46	2	4
F1342-1.9	1,9	10	46	2	4
F1342-2	2	11	49	2	4
F1342-2.1	2,1	11	49	2	4
F1342-2.2	2,2	12	53	2	4
F1342-2.3	2,3	12	53	2	4
F1342-2.4	2,4	14	57	2	4
F1342-2.5	2,5	14	57	3	4
F1342-2.6	2,6	14	57	3	4
F1342-2.7	2,7	15	61	3	6
F1342-2.8	2,8	15	61	3	6
F1342-2.9	2,9	15	61	3	6
F1342-3	3	15	61	3	6
F1342-3.1	3,1	16	65	3	6
F1342-3.2	3,2	16	65	3	6
F1342-3.3	3,3	16	65	3	6
F1342-3.4	3,4	18	70	3	6
F1342-3.5	3,5	18	70	4	6
F1342-3.6	3,6	18	70	4	6
F1342-3.7	3,7	18	70	4	6
F1342-3.8	3,8	19	75	4	6
F1342-3.9	3,9	19	75	4	6
F1342-4	4	19	75	4	6
F1342-4.1	4,1	19	75	4	6
F1342-4.2	4,2	19	75	4	6
F1342-4.3	4,3	21	80	5	6
F1342-4.4	4,4	21	80	5	6

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ➔ Average = ➔ Poor = machining conditions

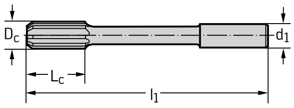
Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	h9	Z
F1342-4.5	4,5	21	80	5	6
F1342-4.6	4,6	21	80	5	6
F1342-4.7	4,7	21	80	5	6
F1342-4.8	4,8	23	86	5	6
F1342-4.9	4,9	23	86	5	6
F1342-5	5	23	86	5	6
F1342-5.1	5,1	23	86	5	6
F1342-5.2	5,2	23	86	5	6
F1342-5.3	5,3	23	86	5	6
F1342-5.4	5,4	26	93	6	6
F1342-5.5	5,5	26	93	6	6
F1342-5.6	5,6	26	93	6	6
F1342-5.7	5,7	26	93	6	6
F1342-5.8	5,8	26	93	6	6
F1342-5.9	5,9	26	93	6	6
F1342-6	6	26	93	6	6
F1342-6.1	6,1	28	101	6	6
F1342-6.2	6,2	28	101	6	6
F1342-6.3	6,3	28	101	6	6
F1342-6.4	6,4	28	101	6	6
F1342-6.5	6,5	28	101	6	6
F1342-6.6	6,6	28	101	6	6
F1342-6.7	6,7	28	101	6	6
F1342-6.8	6,8	31	109	7	6
F1342-6.9	6,9	31	109	7	6
F1342-7	7	31	109	7	6
F1342-7.1	7,1	31	109	7	6
F1342-7.2	7,2	31	109	7	6
F1342-7.3	7,3	31	109	7	6
F1342-7.4	7,4	31	109	7	6
F1342-7.5	7,5	31	109	7	6
F1342-7.6	7,6	33	117	8	6
F1342-7.7	7,7	33	117	8	6
F1342-7.8	7,8	33	117	8	6
F1342-7.9	7,9	33	117	8	6
F1342-8	8	33	117	8	6
F1342-8.1	8,1	33	117	8	6
F1342-8.2	8,2	33	117	8	6
F1342-8.3	8,3	33	117	8	6
F1342-8.4	8,4	33	117	8	6
F1342-8.5	8,5	33	117	8	6
F1342-8.6	8,6	36	125	9	6
F1342-8.7	8,7	36	125	9	6
F1342-8.8	8,8	36	125	9	6
F1342-8.9	8,9	36	125	9	6
F1342-9	9	36	125	9	6
F1342-9.1	9,1	36	125	9	6
F1342-9.2	9,2	36	125	9	6

Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	h9	Z
F1342-9.3	9,3	36	125	9	6
F1342-9.4	9,4	36	125	9	6
F1342-9.5	9,5	36	125	9	6
F1342-9.6	9,6	38	133	10	6
F1342-9.7	9,7	38	133	10	6
F1342-9.8	9,8	38	133	10	6
F1342-9.9	9,9	38	133	10	6
F1342-10	10	38	133	10	6
F1342-10.1	10,1	38	133	10	6
F1342-10.2	10,2	38	133	10	6
F1342-10.3	10,3	38	133	10	6
F1342-10.4	10,4	38	133	10	6
F1342-10.5	10,5	38	133	10	6
F1342-10.6	10,6	38	133	10	6
F1342-10.7	10,7	41	142	10	6
F1342-10.8	10,8	41	142	10	6
F1342-10.9	10,9	41	142	10	6
F1342-11	11	41	142	10	6
F1342-11.5	11,5	41	142	10	6
F1342-12	12	44	151	10	6
F1342-12.5	12,5	44	151	10	6
F1342-13	13	44	151	10	6
F1342-13.5	13,5	47	160	13	6
F1342-14	14	47	160	13	8
F1342-14.5	14,5	50	162	13	8
F1342-15	15	50	162	13	8
F1342-15.5	15,5	52	170	13	8
F1342-16	16	52	170	13	8
F1342-16.5	16,5	54	175	14	8
F1342-17	17	54	175	14	8
F1342-17.5	17,5	56	182	14	8
F1342-18	18	56	182	14	8
F1342-18.5	18,5	58	189	16	8
F1342-19	19	58	189	16	8
F1342-19.5	19,5	60	195	16	8
F1342-20	20	60	195	16	8

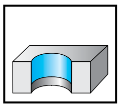
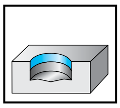
B 3

HSS machine tapered reamers
F3234

– For tapered pins in accordance with DIN EN 28736; 28737; 28744
– For tapered pins in accordance with DIN 258; 1447; 7977; 7978

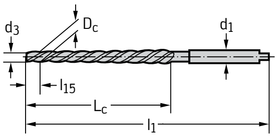
DIN 2179

1:50

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●●

Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	l_{15} mm	h9	d_3 mm	Z
F3234-1	1	33	60	5	1,4	0,9	2
F3234-1.5	1,5	42	70	5	2,1	1,4	2
F3234-2	2	48	86	5	3,2	1,9	3
F3234-2.5	2,5	48	86	5	3,2	2,4	3
F3234-3	3	58	100	5	4	2,9	3
F3234-4	4	68	112	5	5	3,9	3
F3234-5	5	73	122	5	6,3	4,9	3
F3234-6	6	105	160	5	8	5,9	3
F3234-8	8	145	207	5	10	7,9	3
F3234-10	10	175	245	5	12,5	9,9	3
F3234-12	12	210	290	10	16	11,8	3

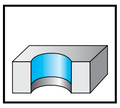
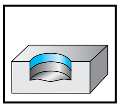
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

HSS adjustable hand-held reamers
F1231

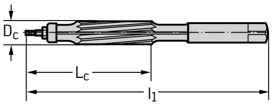
– Adjustment range: 0.01 x D_c

DIN 859 | H7

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●●

Tool



Designation	D_c mm	L_c mm	l_1 mm	Z
F1231-8	8	42	115	9
F1231-9	9	46	124	9
F1231-10	10	50	133	9
F1231-11	11	51	142	9
F1231-12	12	56	152	9
F1231-13	13	56	152	9
F1231-14	14	61	163	9
F1231-15	15	61	163	9
F1231-16	16	67	175	9
F1231-17	17	67	175	9
F1231-18	18	68	188	9
F1231-19	19	68	188	9
F1231-20	20	75	201	9
F1231-22	22	82	215	12
F1231-24	24	85	231	12
F1231-25	25	85	231	12
F1231-26	26	85	231	12
F1231-28	28	94	247	12
F1231-30	30	94	247	12

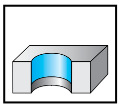
WALTER SELECT

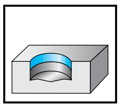
●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

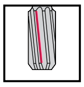
HSS hand-held reamers
F1131

– Long chamfer





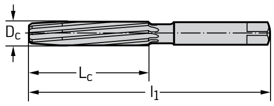
DIN 206



H7

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●●

Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	Z
F1131-1	1	13	34	3
F1131-1.2	1,2	17	38	3
F1131-1.4	1,4	20	41	3
F1131-1.5	1,5	20	41	3
F1131-1.6	1,6	21	44	3
F1131-1.7	1,7	21	44	3
F1131-1.8	1,8	23	47	4
F1131-1.9	1,9	23	47	4
F1131-2	2	25	50	4
F1131-2.1	2,1	25	50	4
F1131-2.2	2,2	27	54	4
F1131-2.3	2,3	27	54	4
F1131-2.4	2,4	29	58	4
F1131-2.5	2,5	29	58	4
F1131-2.6	2,6	29	58	4
F1131-2.7	2,7	31	62	6
F1131-2.8	2,8	31	62	6
F1131-2.9	2,9	31	62	6
F1131-3	3	31	62	6
F1131-3.1	3,1	33	66	6
F1131-3.2	3,2	33	66	6
F1131-3.3	3,3	33	66	6
F1131-3.4	3,4	35	71	6
F1131-3.5	3,5	35	71	6
F1131-3.6	3,6	35	71	6
F1131-3.7	3,7	35	71	6
F1131-3.8	3,8	38	76	6
F1131-3.9	3,9	38	76	6
F1131-4	4	38	76	6
F1131-4.1	4,1	38	76	6
F1131-4.2	4,2	38	76	6
F1131-4.3	4,3	41	81	6
F1131-4.4	4,4	41	81	6
F1131-4.5	4,5	41	81	6
F1131-4.6	4,6	41	81	6

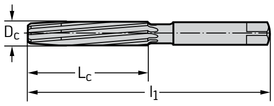
B 3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

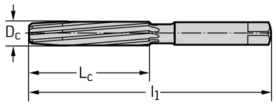
Tool



Cylindrical shank

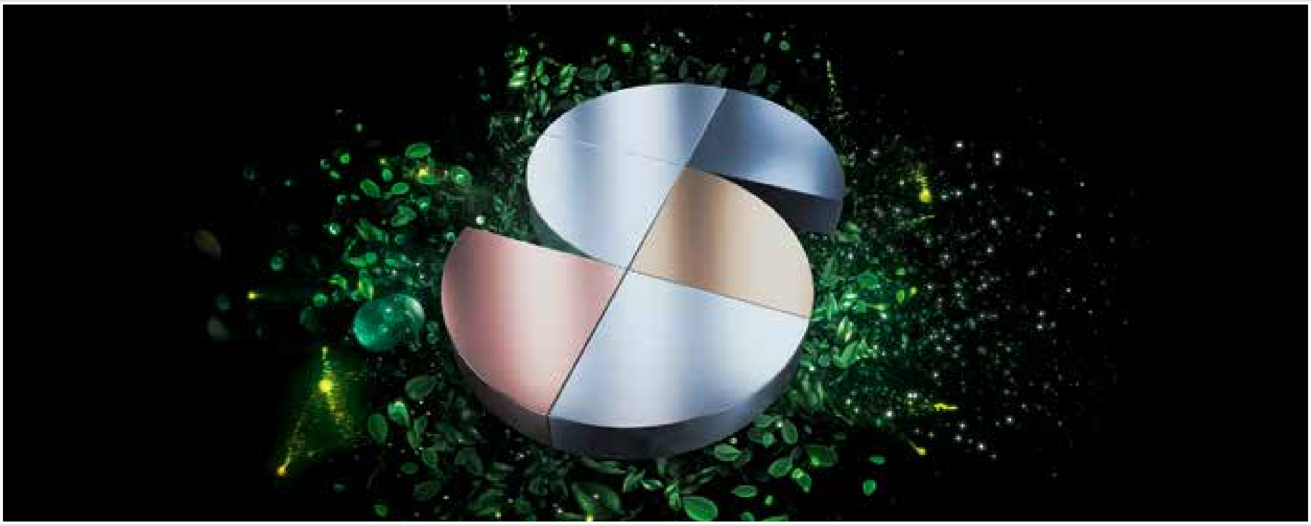
Designation	D_c mm	L_c mm	l_1 mm	Z
F1131-4.7	4,7	41	81	6
F1131-4.8	4,8	44	87	6
F1131-4.9	4,9	44	87	6
F1131-5	5	44	87	6
F1131-5.1	5,1	44	87	6
F1131-5.2	5,2	44	87	6
F1131-5.4	5,4	47	93	6
F1131-5.5	5,5	47	93	6
F1131-5.6	5,6	47	93	6
F1131-5.7	5,7	47	93	6
F1131-5.8	5,8	47	93	6
F1131-5.9	5,9	47	93	6
F1131-6	6	47	93	6
F1131-6.1	6,1	50	100	6
F1131-6.2	6,2	50	100	6
F1131-6.3	6,3	50	100	6
F1131-6.4	6,4	50	100	6
F1131-6.5	6,5	50	100	6
F1131-6.6	6,6	50	100	6
F1131-6.7	6,7	50	100	6
F1131-6.8	6,8	54	107	6
F1131-6.9	6,9	54	107	6
F1131-7	7	54	107	6
F1131-7.1	7,1	54	107	6
F1131-7.2	7,2	54	107	6
F1131-7.3	7,3	54	107	6
F1131-7.4	7,4	54	107	6
F1131-7.5	7,5	54	107	6
F1131-7.7	7,7	58	115	6
F1131-7.8	7,8	58	115	6
F1131-7.9	7,9	58	115	6
F1131-8	8	58	115	6
F1131-8.1	8,1	58	115	6
F1131-8.2	8,2	58	115	6
F1131-8.3	8,3	58	115	6
F1131-8.4	8,4	58	115	6
F1131-8.5	8,5	58	115	6
F1131-8.7	8,7	62	124	6
F1131-8.8	8,8	62	124	6
F1131-8.9	8,9	62	124	6
F1131-9	9	62	124	6
F1131-9.1	9,1	62	124	6
F1131-9.2	9,2	62	124	6
F1131-9.3	9,3	62	124	6
F1131-9.4	9,4	62	124	6
F1131-9.5	9,5	62	124	6
F1131-9.6	9,6	66	133	6
F1131-9.7	9,7	66	133	6

Tool



Cylindrical shank

Designation	D_c mm	L_c mm	l_1 mm	Z
F1131-9.8	9,8	66	133	6
F1131-10	10	66	133	6
F1131-10.5	10,5	66	133	6
F1131-11	11	71	142	6
F1131-11.5	11,5	71	142	6
F1131-12	12	76	152	6
F1131-12.5	12,5	76	152	6
F1131-13	13	76	152	6
F1131-13.5	13,5	81	163	8
F1131-14	14	81	163	8
F1131-14.5	14,5	81	163	8
F1131-15	15	81	163	8
F1131-16	16	87	175	8
F1131-16.5	16,5	87	175	8
F1131-17	17	87	175	8
F1131-18	18	93	188	8
F1131-18.5	18,5	93	188	8
F1131-19	19	93	188	8
F1131-19.5	19,5	100	201	8
F1131-20	20	100	201	8
F1131-20.5	20,5	100	201	8
F1131-21	21	100	201	8
F1131-21.5	21,5	100	201	8
F1131-22	22	107	215	8
F1131-23	23	107	215	8
F1131-25	25	115	231	8
F1131-26	26	115	231	8
F1131-28	28	124	247	10
F1131-30	30	124	247	10
F1131-32	32	133	265	10



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (for example through resource-saving, energy-efficient and CO_2-offset production) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- VDA 6.4 (Production equipment for the automotive industry)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)

You can find more information on Walter certification here:

Occupational health and safety
Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.

Environmental and energy management
Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.

Quality management
Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

Walter AG

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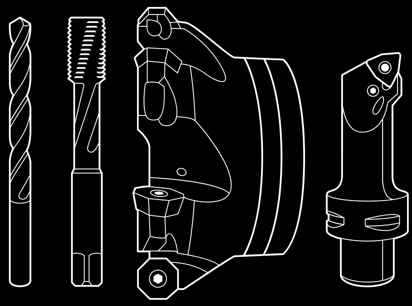

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